

SOUTHERN TEXTILE BULLETIN

VOL. XII.

CHARLOTTE, N. C., JANUARY 4, 1917.

NUMBER 19

VICTOR MILL STARCH—The Weaver's Friend



THE HOME OF VICTOR MILL STARCH

THE KEEVER STARCH COMPANY
COLUMBUS, OHIO

Why worry about POTATO STARCH when VICTOR MILL STARCH will give as good results as Potato Starch on warps of any numbers, from 6s to 100s.

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SOUTHERN AGENT

JAS. H. MAXWELL, GREENVILLE, S. C.

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TRADE-MARK REGISTERED

Our loom repair prices are purposely made low as we feel that we are mutually interested with our customers to keep the annual loom repair account low.

Job foundries, machine shops and supply houses can not have our interest in the results obtained from Northrop Looms.

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Clark's Directory of Southern Cotton Mills

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Guaranteed Claims.

Cockley Yarn Preventor	Less Change of Settings
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SOUTHERN TEXTILE BULLETIN

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Clark's Annual Spindle Increase List

SPINDLES ADDED DURING 1916

Alabama		Spindles			
Bettie Francis Cotton Mills, Alexander City	5472		Hopedale Mills, Burlington	5184	
Anniston Cordage Co., Anniston	168		J. M. Odell Mfg. Co., Bynum	7160	
Cowikee Mills, Eufaula	256		Johnston Mfg. Co., Charlotte	500	
Ashcraft Cotton Mills, Florence	1248		Howell Mfg. Co., Cherryville	600	
Abingdon Mills, Huntsville	14832		Cliffside Cotton Mills, Cliffside	960	
Merrimack Mfg. Co., Huntsville	11200		Norcott Mills Co., Concord	12096	
Lanett Cotton Mills, Lanett	4000		Young Hartsell Mills, Concord	3600	
Munford Cotton Mills, Munford	456		Gem Yarn Mill, Cornelius	1280	
Raybell Mfg. Co., Selma	600		Wearwell Sheeting Mills, Draper	13400	
Sally B Mills, Sylacauga	4000		Pearl Cotton Mills, Durham	248	
Canbrake Cotton Mills, Uniontown	1000		Edenton Cotton Mills, Edenton	9072	
Total	43,232		Franklinville Mfg. Co., Franklinville	2064	
Georgia			Arlington Cotton Mills, Gastonia	11108	
Southern Mfg. Co., Athens	4270		Gray Mfg. Co., Gastonia	3360	
Star Thread Mills, Athens	832		Groves Mills, Gastonia	11088	
Berryton Mills, Berryton	5000		Osceola Mills, Gastonia	8,000	
Cedar Cotton & Export Co., Cedar Town	8000		Parkdale Mills, Gastonia	8000	
Cook Duck Mill, Cedartown	2500		Seminole Cotton Mills, Gastonia	13000	
Muscogee Mfg. Co., Columbus	22000		Falls Mfg. Co., Granite Falls	5040	
Swift Mfg. Co., Columbus	10000		Haw Mfg. Co., Haw River	2500	
Covington Mills, Covington	2000		Harriett Cotton Mills, Henderson	1920	
Fitzgerald Cotton Mills, Fitzgerald	1500		High Falls Mfg. Co., High Falls	416	
Forsyth Cotton Mills, Forsyth	456		Highland Cotton Mills, High Point	4560	
Grantville Hosiery Mills, Grantville	2000		Pickett Cotton Mills, High Point	1024	
Habersham Mills, Habersham	2050		Rockfish Mills, Hope Mills	2500	
Hillside Cotton Mills, LaGrange	9700		Cannon Mfg. Co., Kannapolis	17340	
Massachusetts Mills, Lindale	4988		Caswell Cotton Mill, Kinston	5200	
Moultrie Cotton Mills, Moultrie	624		Pauline Mills, Kings Mountain	416	
Pacolet Mfg. Co., No. 4, New Holland	904		Linn Cotton Mills, Landis	3940	
Newnan Cotton Mills, Newnan	1000		Corriher Mills, Landis	2772	
Bibb Mfg. Co., Porterdale	500		Spencer Mountain Mills, Lowell	1600	
Anchor Duck Mill, Rome	428		Carolina Cotton Mills, Maiden	4468	
Tallapoosa Mills, Tallapoosa	1056		Mays Mills, Mayworth	6000	
Trion Company, Trion	2980		Dixie Cotton Mills, Mooresville	720	
Total	82,788		Adrian Mfg. Co., Mt. Holly, N. C.	13056	
Kentucky			Chadwick-Hoskins Co., Pineville	252	
Henderson Cotton Mills, Henderson	932		Raeform Power & Mfg. Co., Raeform	4000	
Semple Mfg. Co., Louisville	756		Caraleigh Mills, Raleigh	1248	
Puritan Cordage Mills, Louisville	600		Deep River Mills, Randleman	256	
Total	2,288		Patterson Mills Co., Roanoke Rapids	6000	
Louisiana			Rosemary Mfg. Co., Rosemary	6288	
Lane Cotton Mills, New Orleans	16600		Ledbetter Mfg. Co., Rockingham	1140	
Mississippi			Steele's Mills, Rockingham	12000	
Laurel Cotton Mills, Laurel	1728		Spencer Mills, Rutherfordton	5440	
Lauderdale Mills, Meridian	1200		Marsh Cotton Mills, Salisbury	1620	
Yocoma Mills, Water Valley	4182		Salisbury Cotton Mills, Salisbury	1792	
Cardinal Mills, West Point	228		Sanford Cotton Mills, Sanford	960	
Total	7,338		Lily Mills, Spray	1500	
North Carolina			Spray Cotton Mills, Spray	1728	
Efird Mfg. Co., Albermarle	5000		Statesville Cotton Mills, Statesville	2860	
Wisscassett Mills, Albermarle	16,128		Ernaldson Mfg. Co., St. Pauls	1000	
Climax Spinning Co., Belmont	17400		St. Pauls Cotton Mills, St. Pauls	4800	
Imperial Yarn Mills, Belmont	2176		Liledoun Mfg. Co., Taylorsville	4840	
National Yarn Mills, Belmont	2176		Jewell Cotton Mills, Thomasville	6720	
Bladenboro Cotton Mills, Bladenboro	13800		Bellwill Cotton Mills, Wilmington	6203	
Glencoe Cotton Mills, Burlington	600		Arista Mills, Winston-Salem	1500	
			P. H. Hanes Knitting Co., Winston-Salem	17500	
			Harden Mfg. Co., Worth	6000	
			Total	337,144	
			South Carolina		
			Blair Cotton Mills, Belton	792	
			Broad River Mills, Blacksburg	8780	
			Clinton Cotton Mills, Clinton	4132	
			Clover Cotton Mfg. Co., Clover	2000	
			Hawthorne Spinning Mills, Clover	7200	
			Addison Mills, Edgefield	923	

(Continued on Page 6).

Clark's Knitting Machine Increase List

On account of the fact that we did not include the knitting mills in Clark's Directory of Jan. 1st, 1916, we are obliged to use another directory to obtain the number of knitting machines in the South on that date. By comparing those figures with the data contained in our Jan. 1st, 1917 Directory we obtain the following list of increases in knitting machines:

Alabama.

	Knit. Mach.
Russell Mfg. Co., Alexander City.....	5
Anniston Knitting Mills Co., Anniston.....	5
*Attalla Hosiery Mills, Attalla.....	60
*Bridgeport Hosiery Mills, Bridgeport.....	87
*Gadsden Hosiery Mill.....	30
Huntsville Knitting Co., Huntsville.....	4
Rosenau Hosiery Mills, Tuscaloosa.....	20
Total.....	211

Georgia

Atlanta Hosiery Mill, Atlanta.....	36
Collier Manufacturing Co., Barnesville.....	10
Perkins Hosiery Mills, Columbus.....	50
Dallas Hosiery Mills, Dallas.....	25
Douglas Hosiery Co., Douglasville.....	40
Fort Valley Knitting Mills, Fort Valley.....	23
Hetrick Mfg. Co., Gainesville.....	210
*Griffin Hosiery Mills.....	50
Walker County Hosiery Mills, LaFayette.....	144
Rome Hosiery Mills, Rome.....	30
Richmond Hosiery Mills, Rossville.....	350
*New Mills.....	
Total.....	968

Increase in Knitting Machines. Kentucky.

Paducah Hosiery Mills, Paducah.....	12
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Louisiana.

Alden Mills, New Orleans.....	50
O. K. Knitting Mills, New Orleans.....	5
Total.....	55

Mississippi.

Alden Mills, Meridian.....	100
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Missouri.

North Carolina.

	Knit. Mach.
Acme Hosiery Mills, Inc., Ashboro.....	50
Lillian Knitting Mills Co., Albemarle.....	98
Orion Knitting Mills, Beaufort.....	20
*Ranford Knitting Mills, Brookford.....	40
Sellers Hosiery Mill, Burlington.....	140
Southern Hosiery Mills, Burlington.....	15
Whitehead Hosiery Mills, Inc., Burlington.....	30
*Young & Shaffner, Burlington.....	50
Durham Hosiery Mills No. 4, Chapel Hill.....	10
Defiance Sock Co., Charlotte.....	30
*Neverdarn Hosiery Mill, Charlotte.....	50
*G. H. Y. Hosiery Co., Concord.....	50
Klison Hosiery Mills, Connelly Springs.....	20
*Bowling-Emory Knitting Co., Durham.....	132
Chatham Knitting Mills Co., Durham.....	50
*Emory Hosiery Mills, Durham.....	15
Durham Hosiery Mills, (Nos. 1 and 6), Durham.....	246
Louise Knitting Mills Co., East Durham.....	30
*Pilot Hosiery Mill Co., West Durham.....	60
Skyland Hosiery Co., East Flat Rock.....	5
*Ellerbe Knitting Mills, Ellerbe.....	40
Elizabeth City Hosiery Mills, Elizabeth City.....	114
Enfield Hosiery Mills Co., Enfield.....	10
*Fayetteville Hosiery Mills, Fayetteville.....	60
Durham Hosiery Mills (No. 5), Goldsboro.....	82
Childrey Hosiery Mills, Haw River.....	3

(Continued on Page 12.)

WATCH RESULTS

Of An Efficient Flat Steel Heddle

A few days ago we received a letter from a new customer, who has been an enthusiastic user of round wire heddles. For some reason he placed quite a large order with us recently of which still a part has to be delivered.

He writes that he is highly pleased with results due to the fact that our heddle is giving a far better cover and considerable more production. He further states that he received continual complaints from the selling-end in New York on account of the poor looks of the goods and since using our heddles the mystery which actually confronted him has been solved.

There is a mill man giving you a tip; why should you hesitate when perhaps you are up against the same proposition?

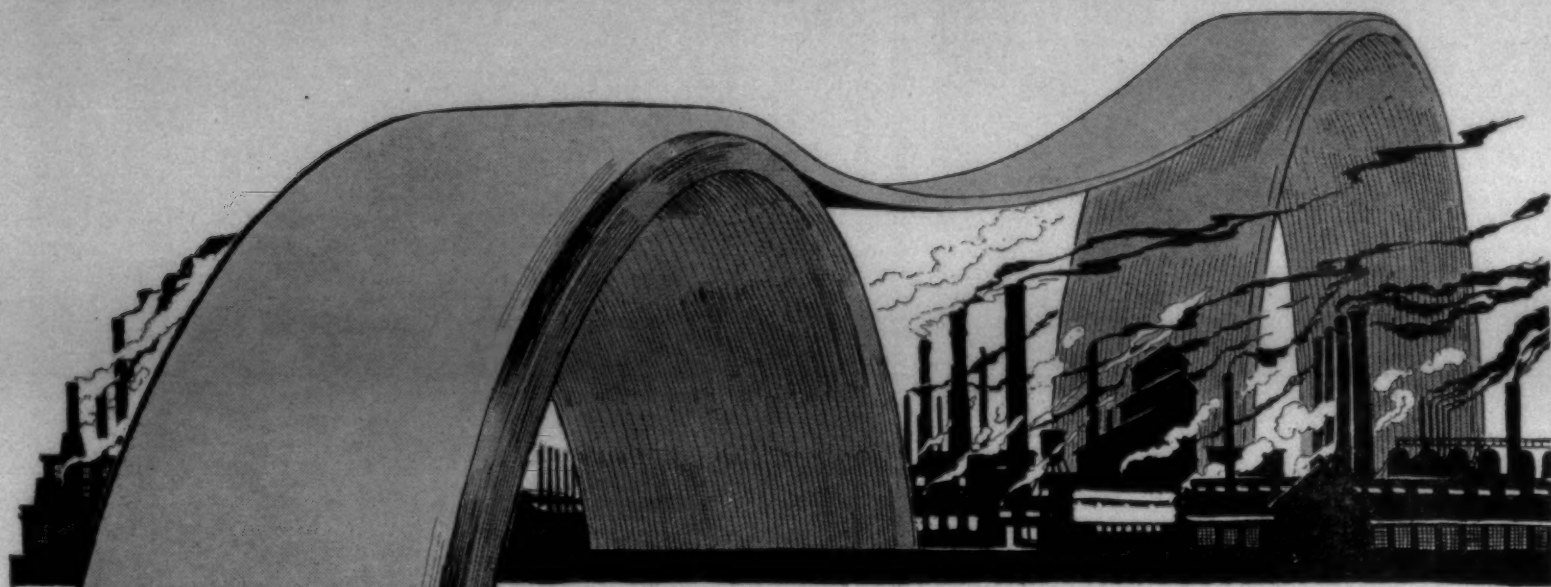
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"MONARCH" Leather Belting

"MONARCH" TRANSMISSION is a real, positive, never-let-go force, as superior to ordinary belting transmission as the smashing power of a locomotive compared with the weak and uncertain impulses of a windmill.

There is force typified in its grip on the driving pulleys from engine to line shaft—force in the graceful sweep of the top side and in the straight, even pull of the face that grips the pulley. There is steady, uniform service in the smaller "MONARCH" Belts that transmit the power from line shafting to machinery and in the "MONARCH" Belting that operates from pulley to pulley on the individual machines.

Ordinary Belting cannot deliver the service of "MONARCH" LEATHER BELTING because ordinary belting is not built of "MONARCH" grade leather or of "MONARCH" standards of workmanship. "MONARCH" Leather Belting is made only of the finest cuts of the finest hides, free from mechanical fillers and put together with the famous "MONARCH" LEATHER BELTING CEMENT.

This explains why "MONARCH" Leather Belting so often outlives the machinery for which it is originally purchased. It explains why "MONARCH" Leather Belting is so fast becoming the standard equipment of leading textile mills.

We can be of great assistance to you in solving the belting problems of YOUR mill. Call on us.

THE BRADFORD BELTING COMPANY

200 Walnut Street

CINCINNATI, OHIO

M. C. SANDERS, Southern Sales Agent
Spartanburg, S. C.

Southern Warehouse at
Greenville, S. C.



Clark's Annual Spindle Increase List.
(Continued from Page 3).

	Spindles
Republic Cotton Mills, Great Falls.....	32640
Poinsett Mills, Greenville.....	1700
Jackson Mills, Iva.....	3360
Kershaw Cotton Mills, Kershaw.....	1824
Lancaster Cotton Mills, Lancaster.....	1920
Newberry Cotton Mills, Newberry.....	768
Hamilton Carhartt Cotton Mills, Rock Hill.....	416
Monarch Cotton Mills, Union.....	12800
W. S. Gray Cotton Mills, Woodruff.....	3528
Woodruff Cotton Mills, Woodruff.....	4788
Cannon & Co., York.....	228
Total.....	86,804

Tennessee

Richmond Spinning, Chattanooga.....	400
Thatcher Spinning Co., Chattanooga.....	15000
Eureka Cotton Mills, Englewood.....	800
Elk Cotton Mills, Fayetteville.....	5016
Knoxville Cotton Mills, Knoxville.....	3200
Knoxville Spinning Co., Knoxville.....	2200
Sylvan Cotton Mills, Shelbyville.....	7372
Total.....	33,988

Texas

Corsicana Cotton Mills, Corsicana.....	4000
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Virginia

Twine Mills Corp., Roanoke.....	500
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TOTAL INSTALLED BY STATES.

Alabama.....	43,232
Georgia.....	82,788
Kentucky.....	2,288
Louisiana.....	16,600
Mississippi.....	7,338
North Carolina.....	337,144
South Carolina.....	86,804
Tennessee.....	33,988
Texas.....	4,000
Virginia.....	500
Total.....	614,682

TOTAL ON CONTRACT TO BE INSTALLED.

Arkansas.

St. Francis Cotton Mills, W. Helena.....	6000
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Florida.

Ocala Knitting & Mfg. Co., Ocala.....	2500
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Georgia.

Meritas Mills, Columbus.....	8000
Bibb Mfg. Co., Porterdale.....	18500
Thomaston Cotton Mills, Thomaston.....	10000
Summerville Cotton Mills, Summerville.....	3672
Total.....	40,172

North Carolina

Climax Spinning Co., Belmont.....	4352
Huss Mfg. Co., Bessemer City.....	1000
Howell Mfg. Co., Cherryville.....	2500
Thread Mills Co., Draper.....	10000
Mutual Cotton Mill Co., Gastonia.....	5000
Pinkney Mills, Gastonia.....	6500
Oakdale Cotton Mills, Jamestown.....	416
Cabarrus Mfg. Co., Kannapolis.....	20000
White Mfg. Co., Kimesville.....	1000
Thread Mills Co., Leaksville.....	18000
Erlanger Cotton Mills, Lexington.....	5000
Dresden Cotton Mills, Lumberton.....	1980
Jennings Cotton Mill, Lumberton.....	2040
Lumberton Cotton Mills, Lumberton.....	2280
Clinchfield Mfg. Co., Marion.....	41000
Cross Cotton Mills, Marion.....	3000
Mays Mills, Mayworth.....	20000
Mooreville Cotton Mill, Mooreville.....	10200
Ranlo Mfg. Co., Ranlo.....	6000
Roanoke Mills Co., Roanoke Rapids.....	6000
Hart Cotton Mills, Tarboro.....	2880
Total.....	169,148

(Continued on Page 19.)

Electric Power and Lighting Installations

In Cotton Mills and Power Plants

HUNTINGTON & GUERRY, Greenville, S. C.

Chemicals and Oils For SIZING,
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Slasher and Striking Combs, Warper and Leice Reeds, Beam-
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Trade-Mark
"NIGRUM" Treated Wood SADDLES
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100% Strength—80% Oxidation 100% Strength—20% Oxidation

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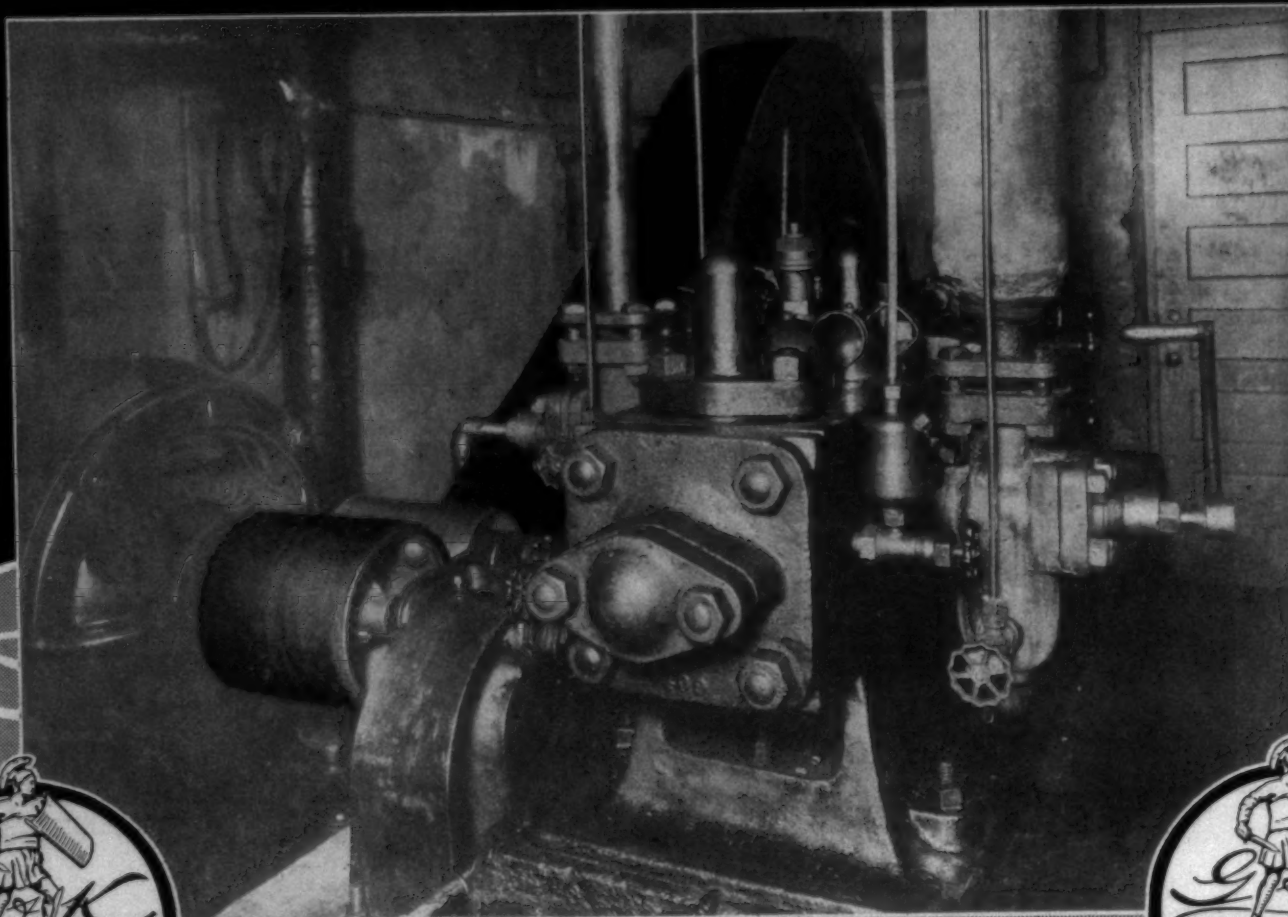
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SPARTAN



BELTING

Driving Gas Compressor at Hotel Planters, Chicago, Ill.

Driving pulley 11½ inch diameter. 610 R.P.M. Driven pulley 79 inch diameter, 8 inch Lenix roller, 8 ft. between pulley centers. 85 H.P.

Chief Engineer, Klein, says:

— "The Spartan Belt that you furnished for our 25-ton gas compressor is as good as new. We have run same about eighteen months about sixteen hours per day. The belts we used before we had yours put on run about eight months,—yours is good for a number of years more."

It's the pliability of Spartan Belting and its power of resistance to unusual operating conditions that make it the compressor belt of unequalled success. These same qualities assure you the utmost service from Spartan Belting,—whether used on compressors or exposed to the steam, water, and acid fumes of the bleachery, or to the extreme heat of the mercerizing room.

In short, Spartan is the belt for all difficult drives. Evidence of this is found in the new Spartan Book. It's a small book but it shows Spartan Belting operating under a great variety of conditions. You will be interested to receive a copy, and it's yours for the asking.

THE GRATON & KNIGHT MANUFACTURING CO.

OAK LEATHER TANNERS AND BELT MAKERS
WORCESTER, MASS.

SOUTHERN BRANCHES: Atlanta, New Orleans, and St. Louis

DISCUSSIONS BY PRACTICAL MEN

How to Get More Cloth.

Editor:

The term "How to Get More Cloth" implies that the maximum amount is not being gotten, or at least I take it that way. Now no weave room will turn out a maximum production unless the yarn, both warp and filling, is brought to the loom in the best of condition. There are quite a number of things that will hinder the getting of a maximum production, but I will not enumerate them, but will give my ideas and some of the things that I have done to get a maximum production.

First of all an overseer should see that his slashers do good work in every particular, and he should see that his warps are drawn, or tied straight, no crosses in the yarn. He should insist that his warp yarn as far as possible be kept free of gouts, big knots, and kinks. His filling quills should be well filled, for the longer filling lasts in the loom without changing, the more cloth the loom will produce. We will take it for granted that the yarn comes to the looms as described above. We will also take it for granted we are running automatic looms. Now an overseer, should demand of his fixers that his looms be kept in good running order all the time. Of course, we all know every weave room has some fixers who are more efficient than others, but here is where the good overseer proves his worth. He should watch his looms and if a fixer is not up to the standard the overseer should make it his business to bring him up to it. He can do it without creating any friction if he will use the proper amount of discretion. (We have seen weave rooms with sections of the same number of looms and same construction of cloth on them, one section weave from 50 to 75 cuts of cloth more per week than others, this was almost all together the fault of the overseer not teaching the "weak fixer" how.) The overseer should see that his looms are set so there will be the least possible strain on the warp, without spoiling the appearance of the cloth, and he should

have them all set uniform in every particular. The right setting for one loom is right for the others on same construction and grade of cloth, and if he will keep them thus, weavers will not need very much "pushing", but if they do they will have no complaint to make on loom fixers, and the maximum amount of production is sure to come if he will keep his help moving and on their jobs from starting time until stopping time. There are other things I could mention but they would come better under the head of "Loom Fixing", and I will leave them for another time.

L. M. B.

How to Get More Cloth.

Editor:

I am very much interested in the discussions that have been running in your paper each week and feel that they will be very helpful to those who are seeking information as to how to get more cloth and would like to give to the readers of your paper my idea of how to get more cloth.

First, each loom should have a separate number. We will say the room has 1,000 looms and your loom numbers should run from 1 to 1,000 and your check sheets should be the same as your room as far as the numbers go, so when a cut of cloth is taken from loom No. 1 it is checked to loom No. 1 and so on. In this way you can easily keep up with the looms that are not doing much. We know the construction of our goods, the speed of our looms, etc., and naturally we know how long it will take a loom to weave a cut of cloth and if we find that we have a loom that is not weaving as much cloth as it should, then go to that loom and find out what the trouble is. Ask the weaver what the cloth is not coming off of this particular loom and you will find that by doing this the weaver will try and get the cloth off on time. If this loom has been standing for repairs, then speak to the fixer about it and let him, as well as the weaver, know that you are watching these things and if he has your interest and the company's at heart he will get busy.

The overseer should be ready at all times to show his fixers anything about a loom that they want to know and should get his fixers together at least once or twice a month and discuss their work with them. Don't try to drive them to do things. Always remember that you are a leader and if you lead your fixers in the right direction your weavers will follow. Figure your production showing the number of cuts that is required of each set of looms per week and place this on a board in the room so each weaver will know what is required of his or her set of looms. When the overseer makes out his weekly time sheet he should mark the names of those that did not get production, showing the number of cuts that are short and those that got production, mark "production" at their names. If any of your weavers get a few cuts over production draw a hand with red ink pointing to their names and you will find that you have lots of weavers that will try to get that red hand at their name the next week. The overseer should make it a rule to put his hand on every loom in the room each day and require his second hand to do the same. He should teach his fixers to watch his weavers and if he has a weaver that is always hard at work, let him examine the weaver's looms as the fixer may be responsible for this weaver working so hard and not getting production. The fixer should teach his weavers not to try to run a loom when it is out of fix. A fixer should have higher aspirations than fixing looms and as a fixer he should receive more pay for his work than the best weaver in the mill is making.

The fixer should be made to feel that he has some responsibility attached to him and should never be late getting to his work in the morning, and at starting time he should not wait for the overseer or second hand to see if all hands are in on his section and if any of his weavers are absent he should at once start this set of looms and then report this weaver's absence to the overseer or second hand. When a

fixer as a warp to run out on his section he should see that this loom is well cleaned, then he should examine this loom thoroughly, reset all parts that have gotten out of adjustment and have all bearings, cams, etc., well oiled before placing the new warp on the loom. When the new warp is put on be sure that your reed is in line and your harness is properly adjusted and see that your temples are at the right point and your take-up gear works freely. Do not allow your looms to run with one lease rod strap longer than the other. Have them both the same length and set back far enough to prevent the loom from making reedy cloth. If this rule is followed by the fixer he will find in a short time that he is running his section much easier, for when a loom is worked over in this way it will come all round running the new warp out without the attention of the loom fixer, thereby giving the weaver a chance to get more cloth. The overseer should make it a rule to count the picks that one loom is making on each line of shaft in his room each day just after starting time in the morning. I think this just as important as seeing that each set of looms has a weaver for the day as you may have a counter belt slipping and if allowed to run

ESPECIALLY ATTRACTIVE MACHINERY FOR SALE

Whitin Gear Cutter, practically new.

Spools.

15,000 3½x6-in. Wooden heads.

4,000 3½x4-in. Wooden heads, new.

5,000 4x5½-in. Fibre Heads.

3,000 3½x4½-in. Fibre Heads.

SOUTHERN TEXTILE MACHINERY CO.
GREENVILLE, S. C.

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Tempered and Side Ground Card Clothing

Tops Reclothed.

Lickerins Rewound.

Cotton Mill Machinery Repaired

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240 River Street, Greenville, S. C.

127 Central Avenue, Atlanta, Ga.

throughout the day it will probably lose as much cloth on those looms that are not up to speed as you would lose by having a four or six loom set stopped for the day. Experience has taught me that it is the small things that the overseer must keep up with if he expects to get more cloth. In this I have mentioned only a few little things in the weave room that is probably being overlooked by some overseers.

I. N. D.

Increased Production in Weave Room.

By W. A. R.

Editor:

I have been reading the several letters in the Bulletin about how to get more cloth off of looms. They all are very instructive and some are very strong letters that we all appreciate. They are practical and full of good sense that we need more of in weave room. To get more cloth and better cloth, is a study with every mill man today. Any industrious man that understands a loom can get production. However, it takes some brains and push to get the production and quality. Quality is more important than production. The production is an absolute necessity and must be run, but quality is the art that establishes the mill's reputation and it takes attention, system and work to obtain it, and to lose sight of this important part of the mill's operation means we will soon have the selling end working on problems that are never solved satisfactorily.

We have many different styles and types of looms made to produce quality, especially for weaving plain white goods. In getting more cloth we must deal with latest model automatic looms that are built for production and quality, and to prevent threads running out. A warp thread running out one inch makes one inch of seconds. There are mechanical stop-motions to prevent this when properly adjusted and these should be watched and given careful attention. Keep them clean and properly set and they will give results. Then watch the transferer and see that they do not hit the shuttle on change, or cut the filling and cause the loom to stop. See that the loom has enough power to carry the shuttle through webb, but waste no energy on the machine. Wasted energy on the loom is like the wasted energy of man.

Have perfect shade on the harness so there will be no strain on the loom from that mechanical part. Any unnecessary strain on the harness strains the warp thread and will chafe it and cause it to break at reed or cloth felt. Have shuttle and picker perfectly parallel so that it will not ride the warp yarn and chafe it out, and cause the loom to stop. A clean and well lubricated loom will increase the production. Weavers should be taught to watch the back of the loom as well as the front, so they can prevent any foreign matter from gathering on warp or loose ends from coming up on the warp, causing the loom to stop off, for any loss in production can

never be gained back, for time is one thing that passes only once. Threads broken means stopped looms. We have to teach the weaver that seconds are a slow sale even some times at loss, not only that but it hurts the mill's reputation.

For more cloth have the fixer to always have warp ready to replace the one that is running out. Train the loom cleaner to have his work systematized so he will be ready to clean and oil loom as soon as the loom fixer removes the empty beam. Often a great deal of time is lost through lack of a system in the overseer's organization, that he says doesn't amount to any thing.

The overseer or his assistant should go over the looms twice per day and with a practical eye can detect any defective part or bolt, nut or screw that may be loose, though the loom is apparently running all right. These should be fixed then and save machine from a serious break-down or a great loss of production, where otherwise the loom would have to stand and wait some time for the loom fixer.

An experienced overseer will soon learn the looms in his room as well that the slightest defect will be quickly detected. In going over the looms, we some times find one with an imperfect cam stroke. Just take time to count the speed of that machine and see what difference there is in it and one that is set right. That is caused by unequally divided power on the loom. Also take cloth from the loom and compare it with cloth from a loom set properly.

This is and invisible loss in quality and quantity. Train the fixer to go over the bolts and screws on the looms every time the warp is out before replacing another. This will soon make for the fixer an easy job and the weaver will get more cloth and better cloth. Notice all selvages every time the loom is passed, also look for missdraws. Train the fixer to know that he is looked upon, not as a mere mechanical part, but an appreciated part of the organization to be depended upon by the company. Train him that results count, and are what the company must have. The fixer will soon become a man that can be depended upon for more cloth. The fixer that is trained under our own supervision learns our ways and makes a much better man than we can import and works more for the company's interest where they work.

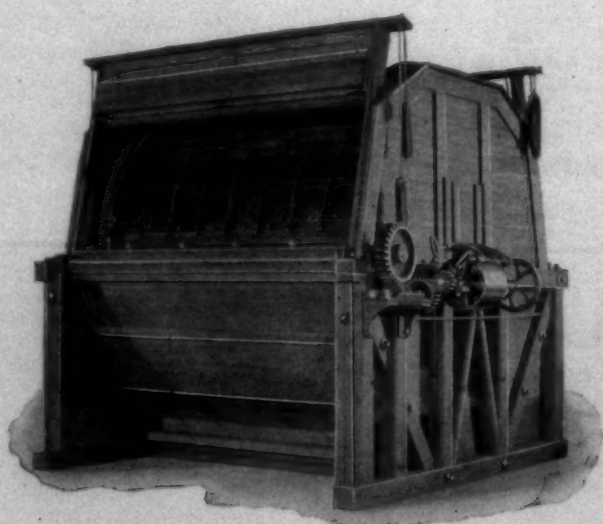
The loom is a heavy machine and requires power to run it, but it is nevertheless a delicate piece of machinery and calls for skilled workmen. If satisfactory results are obtained, these workmen must be trained by experienced men who have charge of these departments and the overseer must be the man to know this and see that it is done and see how it is done.

Now when the loom is right, the overseer should see that the weaver has the number of looms that he or she can run, no more than they can run. Then he should give the weaver the advantage of his experience as a weaver. Watch the looms and

(Continued on Page 24.)

DELAHUNTY DYEING MACHINE COMPANY

Office and Works, Pittston, Pa., U. S. A.



Revolving Cylinder Raw Stock Dyeing and Bleaching Machines

Revolving Cylinder Hosiery Dyeing and Bleaching Machines

Hosiery, Oxidizing and Tom Tom Machines

Circulating Type Raw Stock Dyeing and Bleaching Machines

Circulating Type Beam Dyeing Machines for Dyeing

Cotton Warp on Beams, 1 to 12 Beams in One Operation

Special Machines for Aniline, Sulphur, Indigo, and Other Vat Colors

Southern Representative :

FRED H. WHITE, CHARLOTTE, N. C.

Clark's Annual Spindle Increase List.
(Continued from Page 6.)

South Carolina.

Blair Cotton Mills, Belton.....	4560
*Reynolds Yarn Mill, Bowling Green.....	1800
Fort Mill Mfg. Co., Fort Mill.....	20000
*Saluda Mfg. Co., Greenville.....	6000
Hamilton Carhartt Cotton Mills No. 2, Rock Hill.....	10800

Total..... 43,160

Tennessee.

Thatcher Spinning Co., Chattanooga.....	15000
*Cherokee Spinning Co., Knoxville.....	5000

Total..... 20,000

Total by States.

Arkansas	6,000
Florida	2,500
Georgia	40,472
North Carolina	169,148
South Carolina	43,160
Tennessee	20,000

Total..... 280,980

Big Christmas at Ramseur.

The operatives of the Columbia Mfg. Co., Ramseur, N. C., are always remembered by the mill owners at Christmas time, as well as all during the year. This year each person in the mill was presented with a dollar bill, which has been the custom for many years. Each one receives the same gift, and it is always appreciated.

Just before closing time for the holidays E. W. Edwards, superintendent of the mill was asked to present O. R. Kannada, one of the loom fixers with a handsome oil painting, as a Christmas gift from

the weavers on his section. After a few remarks Mr. Edwards presented the gift, and Mr. Kannada in turn expressed his appreciation.

Following this, all of the weavers, loom fixers, and others gathered about Mr. Edwards and W. F. Johnson, second hand, presented him with a silver shaving outfit as a gift from the Draper room. "The boys who handle the wrenches," then presented Mr. Edwards with a box of cigars, Mr. Johnston being called on the second time to make the presentation remarks. Hardly was this done when W. W. Hill, on behalf of the Whittin room, gave Mr. Edwards a handsome leather uphol-

stered rocking chair. Mr. Edwards expressed his appreciation in a few well-chosen remarks, ending by saying that as he had received a shaving outfit, a box of cigars and a rocking chair, that hereafter he would have no excuse for sitting on the floor, going unshaved or smoking a pipe.

The operatives began decorating the mill early and by Saturday, Dec. 23rd, every window, door, electric light, and post was decorated with holly and evergreens of all kinds, each room having more the appearance of decorated hall than of a cotton mill. All this evergreen was gathered by the operatives and put just as they wanted them, one could hardly tell which room looked the nicest. In the weave room they keep all the winter from one hundred to one hundred and fifty pot plants which give it a touch of summer all the time.

Mill Men Banquet.

On Saturday night, December 23rd, W. B. Biggers, of the Gastonia Cotton Manufacturing Company, gave a banquet at the Armington Hotel to all the overseers, second hands and section men of the company. Those present, besides the host, were Messrs. Jay C. Arthurs, Robert McGinn, A. M. Hunnicutt, G. L. Miller, B. M. Gibson, W. E. Sheppard, W. M. Miller, Lawrence White, Raymond Pool, Will Tritt, M. E. Hovis and Charles Rhyne.

When the inner man had been satisfied by a bountiful repast in the dining room the company adjourned to the spacious assembly hall of the

hotel, where they enjoyed "long cigars and short talks." Mr. Biggers is a great believer in co-operation or team work among the different departments of a mill and he took advantage of the opportunity to make a short talk on the subject.

All present were given a opportunity to express their ideas as to what improvements they wanted made in their departments and these practical discussions were considered the most interesting part of the meeting.

Christmas at Wearwell Mills, Draper, N. C.

The overseers and second hands at the Wearwell Sheet Mill, Draper, N. C., received presents from the operatives as follows:

W. T. Royster, night overseer of carding, received a fountain pen.

G. C. Cook, night overseer of weaving, was presented with an umbrella.

G. H. Riddle, day overseer of weaving received an office chair.

G. W. Huffinger, second hand in spinning, received a nice toilet set.

W. T. Murr, second hand in weaving, was presented with a fountain pen.

Gave Chirtsams Baskets.

The Greenwood Cotton Mill, of Greenwood, S. C., following a custom inaugurated a year ago, gave to the heads of families in the mill village a Christmas basket filled with fruits, two dozen apples, two dozen oranges and other fruits in proportion. The baskets were greatly appreciated. There were 255 baskets given away.

Special Announcement to the Textile Industry

DYESTUFFS AND CHEMICALS

The Parsons-Barr Company has been organized to handle Dyestuffs and Chemicals in the Southern textile field.

They have made connections through which they will be able to supply the trade with high-grade products and are prepared to quote prices for prompt and future deliveries.

THE PARSONS-BARR COMPANY

Wm. A. PARSONS, President and Treasurer

JOHN M. BARR, Vice-President

LATTA ARCADE BUILDING

CHARLOTTE, N. C.

"PIONEER" SAFETY STEEL SHAFT HANGER

Easy
and
Less
Expensive
To Erect
Due to
Greatly
Reduced
Weight

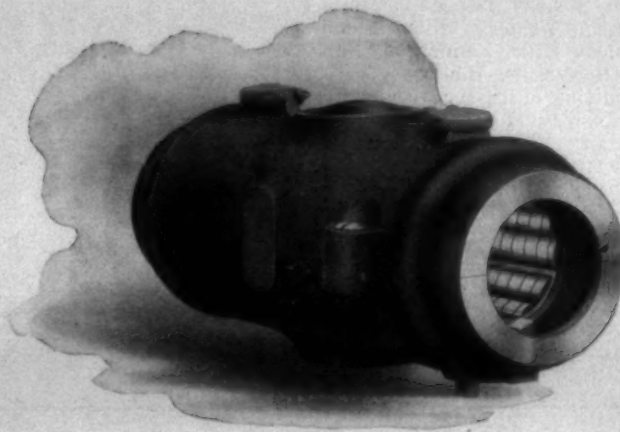


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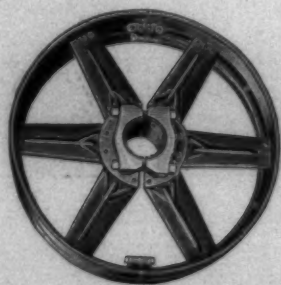
Safe under
all condi-
tions, as the
Frames' be-
ing made of
steel, they
are abso-
lutely un-
breakable.

The initial cost being no higher, the Pioneer, therefore, represents the most advantageous shaft hanger proposition that can possibly be offered.

The Hyatt Lineshaft Box



Its simple, rugged construction eliminates all bearing troubles, and it will save fifty per cent. of the friction power, eighty per cent. of the oil bill. For over twenty years Hyatt boxes have been giving constant service to others. You cannot afford to be without them. Don't hesitate to send for Catalog 122.



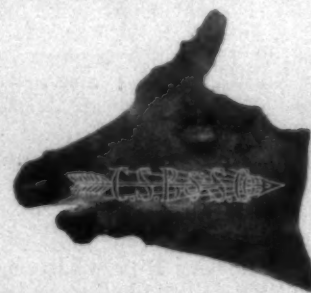
"AMERICAN" All Steel Split Pulleys

MADE BY

The American Pulley Company

THE PREMIER PULLEY. First upon the market. First in performance. About 3,000,000 put in use. Unrivalled in strength and appearance, bolt holding qualities, endurance and ease of application. Interchangeable Bushings. Set Screws or keys not needed in ordinary cases. Made in sizes 3 to 120 inches inclusive. All Pulleys Guaranteed.

AMERICAN Steel Split **PULLEYS**



When you include in your Specifications

Arrow Leather Belting

made by

Cotton States Belting and Supply Co.

ATLANTA, GA.

you complete the

The Ideal Power Transmission Equipment

and are moving along safe, economical, and profitable lines.

ONE QUALITY
ANY SERVICE

Arrow Leather Belting is built up to a standard, not down to a price.

Clark's Knitting Machine Increase List.

(Continued from Page 4.)

	Knit. Mach.
*Maplecrest Hosiery Mills, Haw River.....	28
*Henderson Hosiery Co., Henderson.....	40
Freeze-Bacon Hosiery Mills, Hendersonville.....	5
Grey Hosiery Mills, Hendersonville.....	7
Best Knitting Mills, Hickory.....	23
Elliott Knitting Mills, Inc., Hickory.....	67
Hickory Hosiery Mills, Inc., Hickory.....	30
*Amos Hosiery Mills Co., High Point.....	40
*Commonwealth Hosiery Mills, High Point.....	75
Crown Hosiery Mills, High Point.....	29
Piedmont Mills Co., High Point.....	200
*Royal Hosiery Mills, High Point.....	25
*Slane Hosiery Mills, High Point.....	60
Waldensian Hosiery Mill, Hildebran.....	15
*Highway Knitting Mill, Icard.....	50
*Icard Mfg. Co., Icard.....	100
*Athena Knitting Mill, Leaksville.....	74
Orion Knitting Mills, Kinston.....	50
Carolina Hosiery Mills Co., Marion.....	25
Marion Knitting Co., Inc., Newton.....	25
The Mayo Mills, Mayodan.....	12
Fidelity Hosiery Mills Co., Newton.....	33
Ridgeview Hosiery Mill Co., Newton.....	40
Melrose Knitting Mill Co., Raleigh.....	5
Randleman Hosiery Mills, Randleman.....	59
Robersonville Hosiery Mill, Robersonville.....	6
Rocky Mount Hosiery Co., Rocky Mount.....	16
Meredith Hosiery Mfg. Co., Salisbury.....	10
Scotland Neck Cotton Mills, Scotland Neck.....	17
Walton Hosiery Mills, Statesville.....	5
Taylorsville Hosiery Mills, Taylorsville.....	30
Thomasville Hosiery Mills, Thomasville.....	25
Waldensian Hosiery Mills, Inc., Valdese.....	45
Weldon Cotton Mfg. Co., Weldon.....	5
Wendell Knitting Mills Co., Wendell.....	140
Carolina Mills Co., Winston-Salem.....	32
Hanes Hosiery Mills Co., Winston-Salem.....	50
P. H. Hanes Knitting Co., Winston-Salem.....	80
Maline Mills, Winston-Salem.....	10
Zebulon Hosiery Mills, Zebulon.....	37

Total..... 3075

South Carolina

*Chas. R. Scarborough Knitting Co., Conway.....	10
Blue Ridge Hosiery Mills, Landrum.....	12
*Star Hosiery Mills, Spartanburg.....	111
Excelsior Knitting Mills, Union.....	95

Total..... 228

Tennessee.

	Knit. Mach.
Athens Hosiery Mills, Athens.....	32
*Bristol Hosiery Mill, Bristol.....	90
Nick-A-Jack Hosiery Mills, Chattanooga.....	75
*Signal Knitting Mills, Chattanooga.....	50
United Hosiery Mills Corp., Chattanooga.....	314
Weiss Hosiery Mill, Cleveland.....	20
Magnet Knitting Mills, Clinton.....	110
Dayton Hosiery Mills, Dayton.....	20
Englewood Mfg. Co., Englewood.....	15
Eureka Cotton Mills, Englewood.....	10
Harriman Hosiery Mills, Harriman.....	300
*Johnson City Knitting Mill, Johnson City.....	50
Appalachian Mills, Knoxville.....	5
*Kingston Hosiery Mill, Kingston.....	50
Knoxville Knitting Mills Co., Knoxville.....	50
*Tennessee Mills, Knoxville.....	20
Loudon Hosiery Mills, Loudon.....	100
Aycock Hosiery Mills, South Pittsburg.....	23

Total..... 1334

Virginia.

Danville Knitting Mills, Danville.....	100
Lynchburg Hosiery Mills, Lynchburg.....	10
Chesapeake Knitting Mills, Norfolk.....	8
Elizabeth Knitting Mills, Norfolk.....	3
Tidewater Knitting Co., Portsmouth.....	25
*Paul Knitting Mill, Pulaski.....	50
Bell Hosiery Mills, Inc., Suffolk.....	10
Williamsburg Knitting Mills, Williamsburg.....	8

Total..... 214

(Continued on Page 18.)

THE NORMALAIR SYSTEM

Every Head a Complete Unit

No Pumps Required



Normalair Humidifiers represent
the highest development of water
evaporating devices

Automatic Humidity Control

NORMALAIR COMPANY

WINSTON-SALEM, N. C.

Independence Building
CHARLOTTE, N. C.

—OFFICES—

202 Broadway
NEW YORK

Important Announcement

BY

PHILADELPHIA BELTING COMPANY

The Philadelphia Belting Company are pleased to announce that, in order to meet the requirements of their rapid increase in business their Sales Offices will now be at 17 Battery Place, New York City, and Mr. Harry Scrivens has been promoted to sales manager



Mr. Scrivens will have his headquarters in New York from which point he will be in a better position than ever to give his customers and friends A1 service, but he will, as heretofore, make frequent calls on the trade in the South,

The Philadelphia Belting Co. thanks its friends for past favors and wish them a very prosperous and happy New Year

SALES OFFICES
17 Battery Place
NEW YORK

Philadelphia Belting Company
MANUFACTURERS LEATHER BELTING

Factory and Main Office
Sixth and Spring Garden Streets
PHILADELPHIA, PA

SOUTHERN TEXTILE BULLETIN

Offices: Room 912 Realty Building, Charlotte, N. C.

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Advertising rates furnished upon application.

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THURSDAY, DECEMBER 28, 1916.

Nelson's Practical Loom Fixing to Begin Next Week.

On account of this being our Annual Review Number, we decided not to begin the illustrated articles of Prof. Thomas Nelson on "Practical Loom Fixing" until next week.

As far as we can learn there have never been any series of articles written on loom fixing that were of practical value, but we assure our readers that "Nelson's Practical Loom Fixing" will be both practical and interesting.

One mill has ordered 50 copies of every issue containing Prof. Nelson's articles and we find much interest being taken in them in every section of the South.

Our Best Wishes.

We extend to our subscribers our best wishes for a happy and prosperous New Year.

We appreciate the loyalty and support that they gave us last year and the years before and we know that the Southern Textile Bulletin will have that same loyalty and support during 1917.

We have prospered during the past year and with our continued increase in advertising and in influence a good year seems assured and the outlook for continued prosperity appears bright.

Increase for 1916.

In this issue we are publishing Clark's Annual Spindle Increase List and also a list showing the increase in knitting machines in the South during 1916.

Clark's Annual Spindle Increase List is compiled by comparing the spindles shown in the Jan. 1st, 1917 edition of Clark's Directory with the figures shown in the Jan. 1st, 1916 edition and this list is as accurate as it is possible to obtain. It is also supplemented by a list showing the number of spindles that are to be installed in the near future.

The list of increases in knitting machines was secured by comparing the Jan. 1st, 1917 edition of Clark's Directory with figures obtained from other directories of one year ago.

Both the spindle increase list and the knitting increase list bear witness to the prosperity which has prevailed during the past year.

The spindle increase list shows as follows:

Spindles Installed During 1915.

Alabama	43232
Georgia	82788
Kentucky	2288
Louisiana	16600
Mississippi	7338
North Carolina	337144
South Carolina	86804
Tennessee	33988
Texas	4000
Virginia	500
Total	614682

This list does not include spindles used to replace old equipments and is only intended to cover the increase of equipment and the new mills.

The total of 614,682 spindles installed compares very favorably with the Southern spindle increase figures of recent years which has been:

1912	803,882 spindles
1913	435,300 spindles
1914	329,410 spindles
1915	340,886 spindles
1916	614,682 spindles

It is very difficult to secure an accurate list of spindles on contract for early installation but we are able to show 280,980 as compared with 275,200 on contract on Jan. 1st, 1916. The spindles to be installed are divided as follows:

Arkansas	6000
Florida	2500
Georgia	40172
North Carolina	169148
South Carolina	43160
Tennessee	20000

Total280980

The growth of the knitting industry in the South and especially in Western North Carolina and Eastern Tennessee, has been remarkable and the year 1916 has broken all records.

In addition to the large increase in existing mills, 29 new mills have been built or under construction.

The following list, which includes knitting mills now being built, shows the increase of knitting machines by States:

Alabama	211
Georgia	968
Kentucky	12
Louisiana	55
Mississippi	100
North Carolina	3075
South Carolina	228
Tennessee	1334
Virginia	214
Total increase	6197

The increase of both cotton mills and knitting mills, while very gratifying, would have been far larger if early deliveries could have been obtained upon machinery.

The advance in the price of machinery has had some effect but has not been as great a factor as deliveries.

Foreign Trade of U. S. For Year \$7,800,000.

The United States will enter upon the year 1917 with the most favorable world-trade record in its history. This forecast is the essence of a report by the Government Department of Commerce, setting forth many export figures never before paralleled by this country. In this report also, together with other developments, it is shown that the

huge gold movements, both inward and outward, are being directed toward making the position of America all the more powerful in international commerce.

Exports for November were the largest on record—\$517,900,000, or \$3,000,000 more than in September, the previous high record month.

The total exports for 11 months to Dec. 1 were \$4,961,200,000, an increase of \$1,765,800,000 for the same period of 1915, and \$2,710,400,000 more than in 1913, which was the highest total for the pre-war years.

The United States entered upon the last month of the year with a foreign trade (combined with imports and exports) of \$7,148,000,000 for 11 months, and, the Department of Commerce the statement says "with prospects that the year's trade will approximate \$7,800,000,000. This statement is based on actual results for November."

November imports were \$177,000,000, an increase of \$576,000 compared with October, but \$21,500,000 more than November, 1915. Eleven months' imports were valued at \$2,186,800,000, as against \$1,606,800,000 in 1915 and \$1,674,600,000 in 1914, the former high record year in imports.

These figures are responsible for the big trade balance, with which this country will start the New Year. The favorable balance for November was \$340,900,000, nearly twice that for the previous November.

It is in the maintenance of this favorable trade balance that the gold movements figure. According to the report, \$527,400,000 in gold was imported and \$127,800,000 was exported.

This latter was sent principally to South America, one of the few countries on the globe from whom the United States is buying more than it sells to them. The large imports of gold are due principally to receipts by J. P. Morgan & Co., for account of the British government, to finance war debts here.

The outflow of gold, however, authorities point out, is as significant in maintaining the proper trade balance as the imports, although they have been smaller. This is confirmed by the keenness with which bankers are seeking practical ways of making profitable shipments to South America in view of high war risk and freight.

Want Their Loom Fixers to Read Prof. Nelson's Article.

LaGrange, Ga., Dec. 29, 1916.
Clark Publishing Co.,
Charlotte, N. C.
Gentlemen:

Please send us fifty copies per week of your Bulletin, beginning with the issue containing the first article on loom fixing by Prof. Nelson, letting them come in one package addressed to the Hillside Cotton Mills, LaGrange, Ga.

Yours truly,
Hillside Cotton Mills.
Dict.—D. D. Towers, Supt.

PERSONAL NEWS

J. W. Watts has resigned as president of the Stony Point Mfg. Co., Stony Point, N. C.

W. B. Watts has accepted position as superintendent of the Watts Cotton Mill, formerly the Gwyn-

A. M. Vandergrift has resigned as superintendent of the Hart Cotton Mills, Tarboro, N. C.

J. R. Federline, Jr., has resigned as overseer of spinning at the Caraleigh Mills, Raleigh, N. C.

B. Hunt has accepted position as overseer of carding at the Walhalla (S. C.) Cotton Mills.

A. H. Hamilton, of Wilson, N. C., has accepted position as overseer of No. 1 spinning at the Lumberton Cotton Mills, Lumberton, N. C.

Harper Mfg. Co., Patterson, N. C.

B. A. Foster will be superintendent of the new Wearwell Bedsread Mills at Leaksville, N. C.

A. R. Meeks has been promoted from overseer of weaving to superintendent of the Putnam Mills & Power Co., Eatonton, Ga.

T. A. Shipp, of Tifton, Ga., has accepted a position as superintendent of the Hart Cotton Mills and the Fountain Cotton Mills, Tarboro, N. C.

D. S. Mattox has resigned as overseer of carding at Walhalla, S. C., to accept a similar position at the Greer (S. C.) Mfg. Company.

E. T. Parker, of Forsyth, Ga., has accepted position of night overseer of carding and spinning at the Sally B. Mills, Sylacauga, Ala.

Paul Williams has resigned his position with the Durham Hosiery Mills at High Point, N. C., to become superintendent of the new Slane Hosiery Mills at that place.

John L. Davidson has resigned as superintendent of the Fountain Cotton Mills, Tarboro, N. C., to accept a similar position with a mill at another place.

J. L. Phillips, of Laurens, S. C., has accepted position of night overseer of spinning at the Hamburger Mills, Columbus, Ga.

W. T. Witt, formerly with the Southern Textile Bulletin has accepted position with the R. J. Reynolds' Tobacco Company with headquarters at Chattanooga, Tenn.

J. D. Smith has resigned as carder and spinner at the Addison Mills, Edgefield, S. C., to accept a similar position with the Apache Mills, Arlington, S. C.

M. J. Hawkins, night superintendent of the Corriher Mills, Landis, N. C., received as a Christmas present from his help, a handsome watch chain and charm, the latter having a Masonic emblem.

T. F. Dooley, formerly superintendent of the Richmond Spinning Company, Rossville, Ga., has organized the Johnson City Mills at Johnson City, Tenn. The mill will have 50 knitting machines and will be in operation in March.

C. M. Bryd, for several years overseer of carding at the Winona (Miss.) Cotton Mills, more recently night superintendent with the White Mfg. Co., Kimesville, N. C., has accepted similar position with the Aponaug Mfg. Co., Kosciusko, Miss.

H. B. Jennings has been elected general manager of the Union Buffalo Mills, Union, S. C., to succeed O. F. Bennett, resigned. For some time Mr. Bennett has been contemplating retiring from the mill business, having, as he expressed it, "been hard at it" all his life. He purposes taking a good long rest from the heavy burdens of a position which gives him little time for anything but the hardest kind of work. Mr. Bennett has been an indefatigable worker, and he is one of the best mill men to be found anywhere. He is thoroughly skilled in the difficult work of managing a big plant. He came to Union from



Albany Grease is used on every bearing from the power house to line shafting where a dependable, efficient, economical lubricant is desired. Albany Grease is the most universally used lubricant in Textile Mills throughout the world. A sample and a cup will be sent upon request for trial. No charge made.

ALBANY LUBRICATING COMPANY
708-10 Washington St. NEW YORK CITY

Massachusetts three or four years ago, and it is his purpose to return to his native state after turning over the affairs of the office here to his successor.

Mr. Bennett has identified himself with business interests of Union and has always shown a commendable spirit of enterprise when any advanced movement has been proposed. He is a director and also vice president of the Union Chamber of Commerce, and his splendid business training has from the very first made him a wise leader. Under his wise management Union-Buffalo mills have been steadily improving. He has made many friends in Union who will regret that he has decided to leave.

Mr. Jennings, the newly appointed manager, is a thoroughly trained mill man, for some years having been with the Fairmont Manufacturing Company of Spartanburg. He is a native of Greenwood, and a graduate of Clemson College, and is a young man who has rapidly risen to be one of the leading men of the State.—Union Times.

Christmas Gifts at Lexington.

The overseers and loom fixers in the weaving departments of the Dacotah Mills, Lexington, N. C., received handsome Christmas presents from their help.

D. C. Gay, overseer of weaving, was presented with a gold chain and W. O. W. charm, and also a fountain pen.

R. F. Thompson, loom fixer, was presented with a water set; R. H. Gibson, loom fixer, a water set; J. R. Richardson, loom fixer, a shaving set; Walter Richardson, band instructor, was presented by the South Lexington band boys with a

handsome silver plated, gold mounted cornet. Mr. Richardson being band instructor. The other loom fixers also received nice gifts.

Cameron MacRae to Wed Miss Gibson.

The engagement of Cameron MacRae, Southern sales agent for the Arabol Mfg. Co., New York, and Miss Ellen Phifer Gibson, of Concord, N. C., has been announced.

Mr. MacRae is one of the best known and most highly regarded men in the Southern textile field, and has been unusually successful in his work. His large number of friends throughout the South learn with much interest of his approaching wedding, and join in wishing for him and Miss Gibson much happiness.

Mrs. Grant Improving.

Friends of R. T. Grant, the well-known Southern representative of Stein-Hirsch Co., Chicago, will be glad to know that the condition of Mrs. Grant, who underwent a serious operation in Atlanta last week, has shown steady improvement since the operation and she is considered out of danger. Mrs. Grant was critically ill for a time.

When the Dilling Mill, King's Mountain, N. C., closed down for Christmas, the help were all treated to a large bag filled with apples, bananas, raisins, oranges and candies. The overseers and help presented their superintendent with a fine \$22.00 hall rack. D. E. Kennedy, overseer of carding and spinning made a very appropriate presentation speech to which Mr. McFalls, superintendent, responded very elaborately.



Cramer System of Air Conditioning

WITH OR WITHOUT

Automatic Regulation of Humidity and Temperature

Moderate in Cost

Cheap to Operate

Yields Big Returns

STUART W. CRAMER

CHARLOTTE,

NORTH CAROLINA

MILL NEWS ITEMS OF INTEREST

York, S. C.—The Cannon Manufacturing Co., of North Carolina, filed papers of domestication with its principal place of business at York.

Stony Point, N. C.—J. W. Watts has disposed of his interest in the Stony Point Mfg. Co. to A. L. Watts and has resigned as president.

Lumberton, N. C.—The new addition of the Lumberton Cotton Mills is now in complete operation day and night on fine combed yarns.

Patterson, N. C.—J. W. Watts, the new owner of the Patterson Mill, has reorganized the mill under the name of the Watts Cotton Mills and will install 4,000 spindles to make 30's to 40's yarns.

Stanley, N. C.—A. E. Woltz, Frank Wilson and Lonicoi Lolyd of Chapel Hill, have purchased from W. A. Mauney of King's Mountain, the Mariposa Cotton Mill, located near Stanley, and will take charge January 1st with Mr. Wilson as superintendent. The business office will be in Gastonia. The product of the mill is No. 20 yarns with about 3,200 spindles.

Cherryville, N. C.—The statement is made on what is considered good authority that there will be another cotton mill organized here the first of the year, making the seventh for the town. The names of the promoters are to be withheld until after the first. But they are men actively interested and engaged in the mill business at present.

Chesnee, S. C.—At a meeting of the directors of the Chesnee Mill, John A. Law, president and treasurer of the mill, recommended the payment of a 3 per cent dividend to the stockholders on January 1, the mill being now entirely free from debt and with a comfortable working surplus. This action was authorized by the board.

Duke, N. C.—W. A. Erwin, secretary and treasurer of the Erwin Cotton Mills company, addressed the people of Duke Thursday night in the auditorium and stated in the beginning that he had come to introduce to the people a man to succeed Thos. H. Webb as manager of the two mills. After the introductory Mr. Erwin asked E. M. Henley and E. S. Yarbrough to escort the new manager to the stage. They presented E. P. Davis, cashier of Bank of Harnett. Mr. Erwin said that Mr. Davis would retain his connection with the Bank of Harnett and at the same time take on the new duties. Mr. Davis made a short speech of appreciation and called upon his friends to help him share the responsibility of his new position. The announcement was received with much applause.

West Point, Ga.—The annual statement of the Riverdale mills is president, Joshua B. Richmond; treasurer, Horace S. Sears; directors, Justin E. Gale, Francis B. Sears and William H. Wellington. Report of August 31, 1916 shows: Assets—Real estate, \$192,919; machinery, \$263,359; merchandise, \$108,929; stock in process, etc., \$158,286; cash and debts receivable, \$107,719; total, \$831,212. Liabilities—Capital stock, \$350,000; accounts payable, \$3,290; funded indebtedness, \$100,000; floating indebtedness, \$100,000; profit and loss, \$190,628; depreciation, \$87,294; total, \$831,212.

Greenville, S. C.—The local cotton mills have announced the following schedules of dividends to be paid on January 1st:

F. W. Poe Manufacturing Company, 4 per cent on \$1,000,000; the American Spinning Co., 5 per cent on \$350,000; Mills Manufacturing Co., 3 per cent on \$277,100; Victor-Monaghan Mills, 3 1-2 per cent on \$1,757,300 of preferred stock; Union Bleachery and Finishing Company, 4 per cent on \$400,000.

Some of the other mills that are located in this section are: The Piedmont Mfg. Co., which will pay 6 per cent; Conestee Mills, 3 per cent; Belton Mill, 4 er cent; Orr Cotton Mill, 4 per cent.

Spartanburg, S. C.—"The unprecedented demand for the class of goods manufactured by the mills of Spartanburg county, the satisfactory labor conditions which have prevailed for the past six-months period and the absence of the high priced imported goods from England, France and other European manufacturing centers, are the principal forces contributing to the success of local mills," said John B. Cleveland, president of Whitney Mills and a stockholder in many other similar enterprises, when interviewed. "There has been an unusual strong demand for the fancy print goods manufactured by Saxon,

Chesnee, Drayton and other mills making this class of goods while there has been a great increase in the demand for stable goods, such as is made by Pacolet, Whitney, Spartan Mills and other mills of the county. It has been difficult for the mills to supply the demand," further commented Mr. Cleveland.

One of the developments of the prosperity of the local mills has an active demand for mill stock and a decided advance in the quotations on shares of Southern mills. Local brokers and mill owners look for a continuation of good times with the textile industry.

Greenville, S. C.—The employees of the Brandon Mills will soon receive a bonus of 5 per cent of their earnings for the past six months. The only condition attached is that the person receiving the bonus must have worked at least 130 days within the six month period. The amount to be distributed at that time will be approximately \$4,000.

The plan of giving the employees a cash bonus was inaugurated a year ago, the first bonus having been paid at the end of the six months' period on July 1, 1916. At that time upwards of \$3,000 was distributed among the employees. However, it is practically certain that the number sharing the bonus this time will be much larger than before. There are about 800 persons employed in the Brandon mill.

Still Build Mills in the South.

Washington, D. C.—"The report of the census office on the consumption of cotton in the mills of the United States in the month of November and in the four months ended November 30 shows the southern mills still increasing their lead," said President Harrison, of Southern Railway company.

"The consumption in Southern mills in November amounted to 333,033 bales, an increase of 16.666 per cent over November last year, as compared with consumption in the

mills of all other states of 251,049 bales, an increase of 9.49 per cent over November last year.

"In the four-months period consumption in Southern mills amounted to 1,275,965 bales, an increase of 18.05 per cent over the corresponding period last year, as compared with consumption in the mills of all other states of 951,411 bales, an increase of but 5.97 per cent over last year. In the four months the consumption of cotton in the Southern mills exceeded that of the mills of all states by 324,553 bales, or 43.11 per cent."

Textile Mills in S. C. Enjoy Big Business.

Columbia, S. C.—"The textile industry, which is our largest industry save agriculture alone, has participated this year in a recovery as remarkable as that of raw cotton itself," said Commissioner Watson.

The manufacturing and labor division of the Department of Agriculture, Commerce and Industries has just completed its annual census of the textiles for the year 1916. Analyzing the figures Commissioner Watson says: "While by consolidations of corporations there are three less plants, and \$3,351,820 less capital employed, the mills this year have turned out product that sold for \$109,462,698. This is an increase of \$33,787,496, the largest increase shown in any year since the establishment of the industry. Last year the product of the mills showed a decrease of \$5,267,696, and in 1914 there was a decrease of \$3,842,259 as compared to 1913. The highest figures reached on annual production heretofore were \$84,785,152 in 1913, the year before the war.

"The mills paid out in wages \$17,452,342, an increase of \$1,662,695 over 1915, and in 1915 the wages account was the largest ever reached up to that time.

"There are now 53,039 persons actually employed in the textiles, this being an increase of 2,442 over 1915. Of this increase 1,811 were men and

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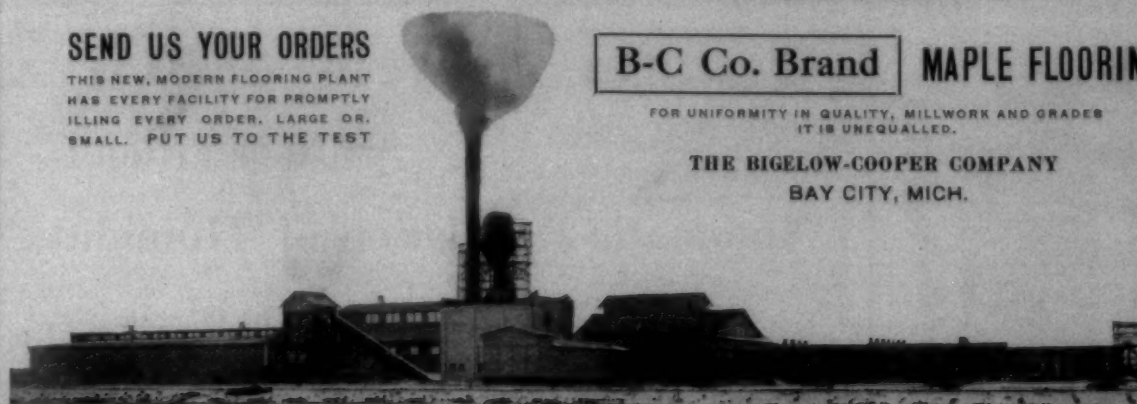
THIS NEW, MODERN FLOORING PLANT HAS EVERY FACILITY FOR PROMPTLY FILLING EVERY ORDER, LARGE OR SMALL. PUT US TO THE TEST

B-C Co. Brand

MAPLE FLOORING

FOR UNIFORMITY IN QUALITY, MILLWORK AND GRADER IT IS UNEQUALLED.

THE BIGELOW-COOPER COMPANY
BAY CITY, MICH.



EXCLUSIVE SOUTHERN AGENTS

WILLIAM M. LLOYD COMPANY

1200 INDEPENDENCE BUILDING

CHARLOTTE, N. C.

1,080 women, the total number of women being employed being 14,676. There is now a total of 6,879 children under 16 employed, representing, however, a decrease in the number of children during the year of 499, and of those 199 were boys and 250 girls. These figures cover all children between 12 and 16 years of age. On January 1 the new child labor law prohibiting the employment of all children between 12 and 14 goes into effect, and those of this class automatically go out of the mills. Most of the children left in the mills at this time, however, are either 14 or very nearly that age, and there will not be as many between 12 and 14 to go out as was generally expected.

"It is gratifying to note that there has been for several years a steady decrease in child labor, and that this year there is a smaller increase of female help than male help."

Herewith is given the summary of the comparative figures for the past four years.

Overseers Are Guests at Banquet.

Henrietta, N. C.—One of the most enjoyable occasions of the holidays season was the supper given by Supt. W. M. Sherard Friday night complimentary to the overseers of the Henrietta-Caroleen Mills.

After the six-course supper had been enjoyed to the fullest extent by the gentlemen they were shown into the music room where they enjoyed the delightful music with Miss Lita Sherard, who is an accomplished musician, presiding at the piano.

Out-of-town guests present were President S. B. Tanner of Charlotte, Kenneth Tanner of the Cleghorn Mill, Rutherfordton and Supt. I. W. Covington of the Florence Mill, Forest City.

To Sell \$25,000 Bonds for Mill School

Twenty-five thousands dollars worth of school bonds will be sold on January 6, by the trustees of the school district embracing Mills Mill and Dunear Mills, Greenville, S. C., and the proceeds will be used for the erection of a modern school building which will serve residents of both these mills.

The bond issue was approved at a special election held some weeks ago, the vote showing a heavy majority—almost unanimous—in favor of the issue. The school will be a thoroughly modern institution in every respect, and means a great step forward for these villages. While definite decision has not yet been reached as to the site for the new building, it is understood it will be built about half way between Mills and Dunear villages, where it will be easily accessible to both villages.

The handsome new school and community building that has been under construction at Judson Mills



Humidifyingly Speaking

Turbo-fied—Satis-fied
Because the

TURBO HUMIDIFIER

is so easy to install—costs so little for upkeep—is so simple to handle—makes so little trouble—is always on the job—gives exactly the percentage of moisture you require—never spoils goods by overflow—needs so little attention—that the owners of the scores of mills where Turbos are working unanimously declare it makes them worry-free on that score.

Wouldn't you like to join the brigade of the Turbofied? Ask for details of enlistment.

AND ADD THIS TO YOUR LETTER:

"I would like to know of a dozen or more good sized installations of your Turbo and the opinion of these 'Turbo-fied' mill owners regarding it."

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Fitchburg, Mass.

Southern Office 1006 Commercial Bld., Charlotte, N. C.

J. S. COTHRAN, Manager

PURO

Here is a practical Fountain, which combines the Faucet and Bubble Features—takes care of the overflow waste, and insures

SAFETY AND SERVICE

This is an age of sanitary plumbing and the Sanitary Drinking Fountain is one of its important subdivisions.

SAFETY FIRST PURO SERVICE ALWAYS

Is made of heavy brass with extra heavy nickel plate. Bubbler easily controlled by separate "squeeze" handle. No spurts—no choking—inside regulation prevents "shower-bath." Faucet is controlled by another squeeze handle. Faucet gives full water pressure. Has thread for hose if wanted.

Write us the number of your employees and water pressure and we'll present an interesting proposition to you promptly.

Puro Sanitary
Drinking Fountain Company

342 Main Street, Haydensville, Mass.



Actual Size 7" High

Don't Pay Good Money for Impractical, Unmechanical and Often Worthless Fountains.

is now practically completed, and is to be formally opened with some appropriate celebration next week, according to tentative plans that have been made. The building provides rooms for domestic science work and has a swimming pool in the basement. It has a large auditorium and will serve the purposes of a community building as well as a school.

The new schools commenced some time ago at Monaghan Mills and at the Greer Manufacturing Company, are also practically completed, and will probably be put into use within the next few weeks.

Darlington Mills Remember Their Employees.

The Darlington Manufacturing Company, Darlington, S. C., last week presented to each of its employees an envelope containing a bonus of 10 per cent of his or her salary for the two weeks ended December 15, as a Christmas gift. Every child in the mill village also received a package of fruits, candies, etc. The same plan was carried out by the management of the Hartsville Cotton Mill.

This liberal gift on the part of the two big mills must have represented several thousand dollars and the management is certainly to be commended for its liberality.

Big Mills Bid Employees a Merry Christmas.

To the employees of the Elm City, Unity, Unity Spinning and Hillside Cotton Mills, LaGrange, Ga., this Christmas meant an unusually joyous season, as each employee was substantially rewarded according to his efforts toward the success of the mills.

Besides a general increase in wages, the workers in the mill have been rewarded by bonuses for regularity, and in addition to this 1,000 Swift Premium hams were distributed among the families on Christmas day.

The officers and department heads have been rewarded on a profit sharing basis, and there is not a man connected with these mills, but whom will profit by the efficient management which has characterized their operation.

Link-Belt Company Blows in New Furnace.

The fifth furnace at the Belmont plant of the Link-Belt Company, Indianapolis, was blown in the middle of December, adding materially to the capacity for producing malleable Link-Belt. Extensive building operations at the Belmont works have been completed, and the demand for Link-Belt for all conveying, elevating and power transmission purposes.

AMERICAN MOISTENING COMPANY

BOSTON, MASSACHUSETTS

WILLIAM FIRTH, President

FRANK B. COMINS, Vice-Pres. and Treas.

THE ONLY PERFECT SYSTEM OF AIR MOISTENING COMINS SECTIONAL HUMIDIFIER

JOHN HILL, Southern Representative, 1014 Healy Building, ATLANTA, GEORGIA

Clark's Knitting Machine Increase List.

(Continued from Page 12)

TOTAL BY STATES

	Knit. Mach.
Alabama	211
Georgia	968
Louisiana	55
Kentucky	42
Mississippi	100
North Carolina	3,075
South Carolina	228
Tennessee	1,334
Virginia	214
Total	6,197

Southern Knitters to Meet at Asheville, N. C.

C. B. Carter, secretary of the National Association of Hosiery and Underwear Manufacturers, has addressed a letter to Southern hosiery manufacturers calling a meeting of Southern knit goods interests at Asheville, N. C., on Jan. 24 and 25.

Christmas Tree at Pelham, Ga.

At the Pelham Mfg. Co., Pelham, Ga., the usual Christmas tree with its many presents and package distribution for both the young folks and old, was held.

The recitations by the children, who were trained by Mrs. Carrie Patrick, were unusually good and quite a credit to Mrs. Patrick and to the village Sunday school.

There was an interesting address by W. J. McDonald, superintendent of the mill which added much to the occasion.

Supt. and Mrs. McDonald were presented with a handsome chest of silverware by the overseers and their assistants.

Mr. McDonald presented each of his overseers with a pretty tie.

Christmas News From Cannon Mfg. Co., Concord, N. C.

The following comes from a correspondent at Concord:

"The Christmas spirit was never more clearly shown here than was manifested by the people in trying to show their love and appreciation, not only in words, but in deeds. J. R. Killian, our popular superintendent, had the overseers, second hands, section men and loom fixers brought to his office at the noon hour Friday, and after a few short, but pointed remarks, presented each with a package of cigars. Mr. Killian spoke of the work as being a pleasure to him, when he had around him a set of such loyal and faithful men, who are working in harmony as they are now doing. He said the year had been a busy one, but, nevertheless a happy one. He said the mill was running smooth, getting a good production, and he wished to take this method to show his appreciation of their efforts.

Mr. Killian has the respect of not only the overseers, but the people in general of our village, and through his example and leadership our people have grown into a spirit of one, and have been brought closer together. While he is always busy he

takes time to listen to anyone who feels disposed to approach him. Our people have never been ore loyal, and content, and satisfied with their surroundings than at present."

W. F. Stegall, overseer of weaving of No. 1 & 2 mill was presented with a watch chain bearing a fob with a Masonic emblem.

Arthur Find, night overseer of weaving, No. 1 mill, was presented with a handsome I. O. O. F. ring and stick pin.

Walter Whisnant, second hand of weaving in No. 1 mill was presented with a beautiful watch fob with a Masonic emblem.

J. E. McGraw, overseer of carding, mill Nos. 1, 2 & 3, was presented with a handsome gold watch chain, and with it a fob the emblem of J. O. U. A. M., a set of gold cuff buttons, and a handsome ring.

J. F. Shaffer, second hand of carding No. 3, was presented with a handsome knife.

"The above gifts were presented by Mr. Killian, our superintendent, in behalf of the help of the different departments.

"On December 27th, the overseers and second hands of each department of mills No. 1, 2 and 3; also the Bleachery, with Rev. W. L. Latham as spokesman, entered Mr. Killian's office at 9 o'clock A. M., and presented him with a handsome silver pitcher, cup and tray, beautifully engraved, after Mr. Latham's presentation speech, Mr. Killian replied, feelingly with very appropriate remarks.

"Each of the churches had treats for all the children, and everybody seemed to have spent a happy Christmas. Mr. J. W. Cannon, president, assisted in furnishing something for every child in the village. To all of which we feel grateful and thank him for the kindness shown us."

K.

Leaksville, N. C.—The Wearwell Bedspread Mill, being erected by the Thread Mills Company of Spray, N. C., will be 369x269 feet with short saw-tooth roof construction. It will have 10,200 spindles and 176 broad Jacquard looms.

Cedartown, Ga.—The installation of machinery for the Cook Duck Mills has been going forward at a rapid rate and the company is expecting to begin operations in a few days. Orders for the complete equipment of the looms with flat steel heddles have been placed with Hampton Smith, of Greenville, S. C., Southern Agent of the Steel Heddle Mfg. Co., of Philadelphia, Pa.

STARCH

SPECIAL STARCHES

We have made a study of the requirements of the industry and now manufacture special starches adapted to every requirement of cotton manufacture. Our brands of Textile Starches are the results of years of scientific investigation coupled with practical experience. We are prepared to study the requirements of mill and supply starches which will produce the best results at minimum prices.

FOR FULL INFORMATION

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CORN PRODUCTS REFINING COMPANY

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GREENVILLE, SOUTH CAROLINA.

THE NO. 4 IMPROVED
CLEANING, OPENING, BLOOMING
MACHINE AND OUR
DOFFER

WILL SOLVE YOUR OPENER ROOM TROUBLES



Some Recent Purchasers Are:

ANNISTON MFG. COMPANY	- - - - -	Anniston, Ala.
CAMPERDOWN MILLS	- - - - -	Greenville, S. C.
VICTOR-MONAGHAN MILLS, (Group)	- - - - -	Greenville, S. C.
EFIRD MANUFACTURING COMPANY	- - - - -	Albemarle, N. C.
HOLT-WILLIAMSON MANUFACTURING CO.	- - - - -	Fayetteville, N. C.
PICCATINNY ARSENAL (U. S. Gov.)	- - - - -	Dover, N. J.
NYANZA MILLS	- - - - -	Woonsocket, R. I.
MAVERICK MILLS	- - - - -	East Boston, Mass.
CABOT MANUFACTURING COMPANY	- - - - -	Brunswick, Me.

For Information Write

EMPIRE DUPLEX GIN COMPANY

Wm. H. HARRIS, Manager

346 Broadway, NEW YORK

Operatives Made Happy.

Employees in the Gastonia cotton mills were not forgotten by the mill owners. So far as known every textile plant in the city made its employees, from the youngest to the oldest, a Christmas present of some kind as a token of appreciation of the work that had been done by them during the past year. In several instances presents in the shape of large bonuses were distributed which amounted in several cases to more than a thousand dollars. Besides the present that were given on Christmas day practically all of the mills have increased the wages of the employees during the past three or four months. The Gastonia mills and the presents their employees were given this Christmas are here given:

Presents to its employees were given by the Avon Mill in an additional week's pay amounting to \$1,348 and packages of nuts, fruits and candies.

A sum totaling \$3,500 in presents was distributed among the employees of the Armstrong chain of mills in cash and a bonus.

The employees of the Loray Mill were given a bonus of \$500, this amount being distributed among all of the workers. Beginning the first week in January this mill will increase the wages of its employees which will amount to several hundred dollars weekly.

Using the week ending December 23, as a basis the Gray Manufacturing Co. issued to each of its employees specially printed checks for about 50 per cent of the week's salary. The total amount was \$1,000.

The employees of the Modena Mill were given an additional dollar on the week's wages as a Christmas present.

A nice present was given to every employee of both the Flint and Arlington Cotton Mills on Christmas day.

A substantial bonus was given by the owners to the employees of the Trenton Mill, the amount being given on a per centage basis.

Three full days' time was computed by the owners and given to every employee of the Ozark Cotton Mills as a Christmas present. The amount totaled more than \$750.

Officials of the Gastonia Manufacturing Company presented their operatives with a bonus as a Christmas present. The amount was figured and distributed on a basis of 10 per cent on week's wages.

Gastonia Mill Scenes in Movie Play

Gastonia, N. C.—The moving picture, "The Princess Visits Gastonia," will show up the modern textile mills and modern homes of the operatives of the textile center of North Carolina. There is a wrong impression in the minds of many people of the North as to the living conditions of the mill labor in the South. They do not all know that we have modern mills and modern villages, modern homes for the operatives of the 68 mills operating in Gaston county.

It will be one of the chief purposes of the Gaston picture to show up actual conditions as they exist in Gastonia and the South. Gastonia

is noted for her modern mills and homes for their employees, and because of these conditions Gastonia has probably the best labor of any textile center in the South. They are treated in the very best manner and shown every courtesy possible. The directors of the picture made some interior pictures of Gastonia mills, showing textile machinery manufactured in Gastonia.—Gastonia Gazette.

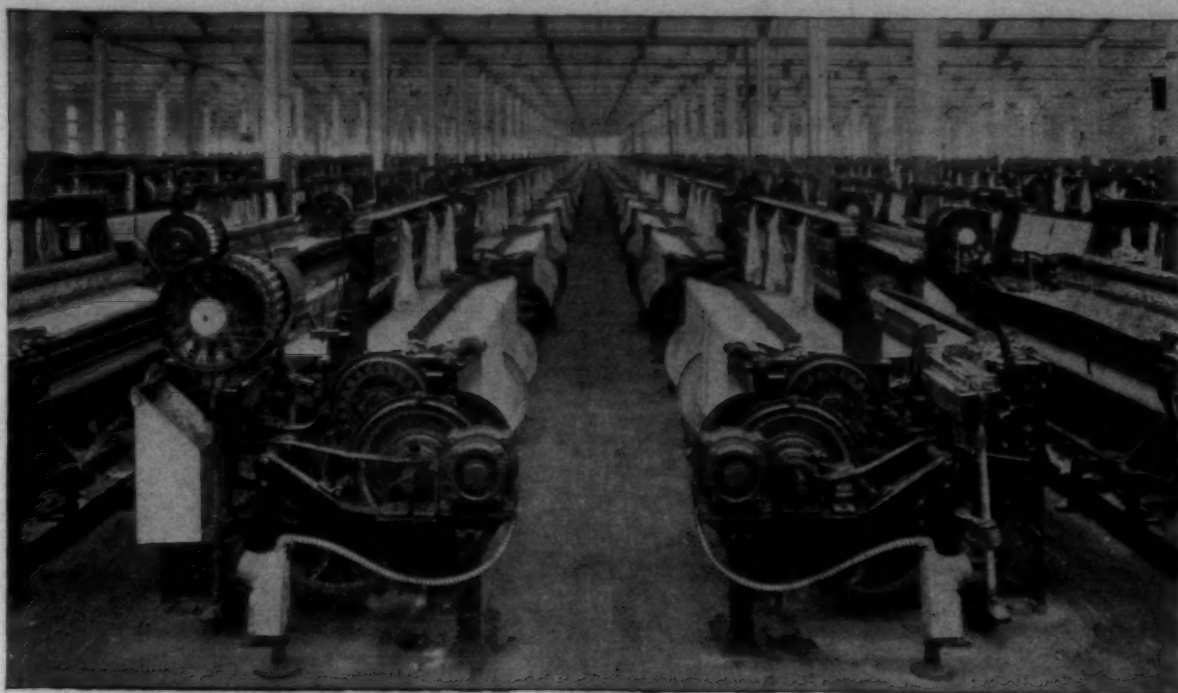
Employees Banqueted.

On Tuesday night the office employees, superintendents and overseers of the chain of cotton mills of which Col. C. B. Armstrong, of Gastonia, N. C., is president, were his guests at a banquet at the Armington Hotel, there being 29 present.

Col. Armstrong presided over the festive board and made a short talk on the work the organizations had

done the past year and of what he hoped would be accomplished in 1917. Responses were made by several members present along the line of co-operation and the better things that could be done during the coming year.

While the banquet was in progress some moving picture scenes were taken of the banqueters. These scenes are to be used in the film that is now being made in Gastonia.



Weave Shed, Naumkeag Steam Cotton Co., Salem, Mass., Driven by G-E Motors

Year After Year G-E Apparatus is Selected by Mills and Manufacturers

For the big mill additions and extensions as well as the small ones G-E apparatus has almost universally been selected. This has been true year after year for a long time until today 75% of all electric power used in the textile industry passes through G-E motors.

A large majority of the textile machinery manufacturers at the big textile shows consistently select G-E motors to drive their exhibits. Where certainty of power and excellence of performance are demanded G-E motors are considered indispensable.

The verdict of this highly-qualified electorate merits your mature consideration.

Remember, the last word in motor design for each and every moving machine used in the textile industry can be obtained from our engineer salesmen, who, if desired, will study your local conditions before prescribing.

General Electric Company

DISTRICT OFFICES IN

Boston, Mass. New York, N. Y. Philadelphia, Pa. Atlanta, Ga. Cincinnati, Ohio
Chicago, Ill. Denver, Colo. San Francisco, Cal. St. Louis, Mo.

SALES OFFICES IN ALL LARGE CITIES

2655

Capt. H. P. Meikleham Holds Another Meeting.

Captain Meikleham, agent for the Massachusetts Mills, Lindale, Ga., held another of his meetings Thursday night, at the Baptist church, and it was well attended. His talk was considered one of the best he has ever made, and lasted for more than an hour.

Capt. Meikleham made it plain from start to finish that he had the interest and welfare of the people of Lindale just as much at heart as he did the big Massachusetts Mills, from which he drew his salary, and along the line of community betterment his address was directed.

He was exceedingly high in his praise for the excellent good showing that Lindale had made within the past two years, and when he talked upon this subject it almost made every man feel like shaking hands with himself. Mr. Meikleham is indeed proud of the showing that has been made in Lindale in a moral, sanitary and economical way.

He dwelt upon extravagance at length, and declared that he had at previous times known of enough foodstuff to be thrown out, or sold as scraps, and otherwise wasted, to feed the town, and urged that the people during these times of high cost of living, economize in the purchase of their food supplies, and stated that he had arranged for one of the government's food experts to come to Lindale, and teach those who care to avail themselves, the knowledge of food values, what to buy, and when to buy, and the various ways of preparing it. He said that lots of money was spent in Lindale on foodstuffs that was but little or no nourishing value. This expert will be a lady, and she will divide the town into small divisions and hold daily demonstrations and lectures, and will visit any homes at other hours for the purpose of furthering her work. He urges the people to avail themselves of the advantage.

Capt. Meikleham's chief topic, at his first meeting of the kind more than two years ago was "whiskey," but old whiskey got off light this time. The whiskey question appears to be a settled issue in Lindale—there's but precious little to speak of, which is due mostly to the effort of Capt. Meikleham, and the new prohibition law.

Mr. Meikleham went over the various causes of accidents and showed that about 99 per cent of the accidents in the big mills were mostly due to carelessness, and cited since the elimination of so much whiskey drinking accidents had been reduced 75 per cent. Old blue Monday used to be a day of accidents.

He expressed his satisfaction that Lindale during the past summer under most rigid government examination had passed one of the best inspections of any cotton mill town in the county. Lindale secured a rating of 97 per cent. He cautioned the residents of the mill village to use proper care and maintenance of the garbage can, and the proper use of the sanitary closets, which have been made fly-proof, and insisted

that to make the sanitary work perfect all odors must be kept down.

Capt. Meikleham is ever on the alert to do something to benefit the man about Lindale with the family to care for. He stated that he had just closed a deal for the purchase of machinery for a laundry for Lindale, which is known as a "wet-wash" laundry, where all the clothing of a large family can be washed—not laundered and ironed—for a probably small charge of 15 cents per week. He hopes to do away with the unsightly wash pot, and drudgery of the housewife at the wash place in all kinds of weather.

He said that a number of cotton mills had the swimming pool, but that he did not consider the swimming pool sanitary.

Saving Club at Calhoun Mill.

The Calhoun Mills, Calhoun Falls, S. C., has mailed the following notice to their employees:

In order to encourage our people to save a part of their earnings each week, we have decided to organize a Christmas Savings Club, to run for a period of fifty weeks, beginning January 6th, 1917, and continuing to December 15, 1917, on which date the last payment will be made and the whole amount will be paid back, with interest on the average amount at six per cent per annum, according to the following table:

Pay 5c. per week for 50 weeks and take out \$2.60 on Dec. 15, 1917.

Pay 10c. per week for 50 weeks and take out \$5.20 on Dec. 15, 1917.

Pay 15c. per week for 50 weeks and take out \$7.50 on Dec. 15, 1917.

Pay 20c. per week for 50 weeks and take out \$10.00 on Dec. 15, 1917.

Pay 25c. per week for 50 weeks and take out \$12.50 on Dec. 15, 1917.

Pay 50c. per week for 50 weeks and take out \$25.00 on Dec. 15, 1917.

Pay \$1.00 per week for 50 weeks and take out \$50.00 on Dec. 15, 1917.

Pay \$2.00 per week for 50 weeks and take out \$100.00 on Dec. 15, 1917.

Pay \$3.00 per week for 50 weeks and take out \$150.00 on Dec. 15, 1917.

Pay \$4.00 per week for 50 weeks and take out \$200.00 on Dec. 15, 1917.

Pay \$5.00 per week for 50 weeks and take out \$250.00 on Dec. 15, 1917.

By joining this club, you will be able to have a nice little sum of money for your shopping next Christmas and you will not miss the weekly payments.

If, for any reason, it is impossible for you to keep up the payments, you will not lose what you have paid in; but we earnestly desire every one joining the club will continue to the end.

Calhoun Mills.

Hickory Man Held on Forgery Charge.

Officers locked up L. W. Morehead, a white man employed at the Ivey Cotton Mills, Hickory, N. C., on the charge of forging the name of Capt. H. W. Warner, superintendent of the mills, to a promissory note for \$25. Morehead, who is alleged to have claimed to be R. L. Wood, to whom the note was made payable, insisted on collection, and was detained until the matter could be investigated.

SACO-LOWELL SHOPS

TEXTILE SERVICE

FOR the convenience of our customers, we maintain in connection with our Charlotte office, a completely equipped shop, for the proper reclothing of Card Flats and Card Lickerins. Skilled experts are in charge and we invite you to avail yourselves of this service. A stock of card clothing constantly on hand enables us to supply all requirements promptly.

We are especially anxious that all our cards either Newton or Lowell pattern give satisfactory service and upon request will send expert to inspect cards and make such recommendations as may be necessary to put them in the very best possible shape.

ROGERS W. DAVIS, SOUTHERN AGENT
CHARLOTTE, N. C.

DUSTLESS CARD STRIPPER

The Dustless Card Stripper has made good, and more than 50,000 cards are being regularly stripped by this system. It combines vacuum with the standard stripping brush

WRITE FOR CATALOG

WILLIAM FIRTH

200 Devonshire St.

Boston, Mass.

Southern Representative
JOHN HILL, Healey Building, Atlanta, Ga.

Cotton Goods Report

New York.—The cotton goods market showed a tendency to strengthen up in anticipation of the new year. There appeared to be a recovery from the uneasiness that was seen during the preceding week. Buyers were as usual, conservative at the year's end, and there was little pressure to sell. This was particularly true of the gray goods end of the market.

The firmness with which finished goods are being held shows that they are probably stronger than buyers think. Reports coming from the retail trade show that the holiday business that was done will probably exceed that of any former year.

Mills making both brown and wide sheetings have many orders on their books which have not been completed, and these goods are being very firmly held. Stocks in the hands of jobbers are only moderate. It is now expected that January sales of white goods, to retailers will be large and it is expected that buyers will be very active shortly after the first of the year.

There is a growing sentiment that colored cotton goods will be sharply advanced shortly after the first of the year. The mills making these goods claim that they will be forced to move their prices up to allow a greater margin of profit. Costs of colors, labor conditions and other increased production costs are given as the reasons for the increase.

Looking backward over 1916, the outstanding feature has been the unprecedented prosperity that has been evident in practically all divisions of the textile industry. Not only have the mills had the most prosperous year in the history of the industry, but the prosperity has been shared in by the manufacturers, jobbers and retailers. Even should any great shock to business come, the above factors are in an excellent condition to withstand it. Debts have been paid off, and business houses in the textile lines have worked into a very strong position.

A large part of the success of the past year was due to the tremendous export business that has been done in cotton goods. Some of the houses have taken advantage of the opportunity to build up a business for themselves that will last after the war closes. Many more would have doubtless done likewise had it not been for the booming home market to take care of their goods.

In going over the business for the year it is seen that the automobile industry has had a great deal to do with the prosperity in some of the textile lines. The cotton yarn market has shown record breaking strength under the continued demand for yarns suitable for automobile tire duck and other materials used in the automobile industry. Mills making tire duck have had more business offered them than they could take and some mills have been built especially for the manufacture of these goods.

Cotton goods were quoted in New York last week as follows:

Brown drills, std....	10 1-2	..
Sheetings, So., std....	12	..
3-yard, 48x48s	11 1-2	..
4-yard, 56x60s	9 3-4	..
4-yard, 48x48s	9 1-4	..
5-yards, 48x48s	7 3-4	..
Denims, 9-oz.	At value..	..
Denims, 2-20s	21	..
Selkirk, 8-oz. duck....	19	..
Oliver, extra, 8-oz....	19	..
Oliver, extra, 8-oz....	19	..
Tallassee, 8-oz	18	..
Hartford, 8-oz.	17 1-2	..
Woodberry, sail d'k....	12 1/2	% ..
Mt. Vernon, wide d'k....	15	% ..
Alexander, oz. duck....	17	..
Buckeye, oz. duck....	16 1-2	..
Dreadnaught	19	..
Great Mallard	17 1-4	..
Ticking, 8-oz.	20 1-2	..
Standard prints	9	..
Standard gingham	9 1-2	..
Dress gingham	12	13 1-2
Kid finished cambrics. 7	8	..

English Cotton Mills Have a Profitable Year.

Frederick W. Tattersall, of Manchester, England, has prepared an analysis of the stocktaking results of Lancashire cotton spinning companies for the 12 months ending Nov. 30, 1916. The list contains particulars of 62 concerns. The total paid-up share capital of these companies amounts to £2,230,639, with loan capital of £1,192,616. Of the 62 companies, 60 have made a profit for the year, and two a loss.

The total profit for the 12 months, after paying interest on loans and allowing for depreciation, amounts to £250,188. The profit on share capital works out at 11.22 per cent per annum, against less than 1 per cent per annum in 1915. The total value of the plant of these mills, including machinery, is £2,702,989.

The year opened with spinners of yarn in a fairly healthy position, but business has gradually become still more profitable, and at the moment the production of the mills is deeply sold at remunerative rates, the margin of profit being healthier than at any time since the beginning of the war. Employers have been harassed by the shortage of labor, and the output of machinery is much less than in pre-war days. The 62 mills contain 1,821,574 mule spindles, 3,351,435 weft spindles and 374,972 ring spindles.

A young woman who thought she was losing her husband's affection went to a seventh daughter of a seventh daughter for a love powder. The mystery woman told:

"Get a raw piece of beef, cut flat, about an inch thick. Slice an onion in two and rub the meat on both sides of it. Put on pepper and salt, and toast it on each side, over a red coal fire. Drop on it three lumps of butter and two sprigs of parsley, and get him to eat it."

The young wife did so, and her husband loved her ever after.—St. Paul Express.

Our Spinning Rings SINGLE OR DOUBLE FLANGE
START EASIEST, RUN SMOOTHEST, WEAR LONGEST
Pawtucket Spinning Ring Co.

CENTRAL FALLS, R. I.



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COTTON CLOTH BROKERS

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Finishings
Softeners



Aniline Oil
Aniline Salt
Aniline Colors

S. C. THOMAS,
Spartanburg, S. C.

GEORGE WITHERSPOON,
Mount Olive, N. C.

The Desirability of the South

as the place to manufacture cotton goods is illustrated in the increase of 67% quoted by census department. We can offer attractive situations for those desiring to enter this field.

J. A. PRIDE

General Industrial Agent Seaboard Air Line Railway
NORFOLK, VIRGINIA.

B. & L. Bleachers Bluings

SHADE TO SUIT

Manufactured by

BOSSON & LANE

Works and Office

ATLANTIC, MASS.

The Yarn Market

Philadelphia, Pa.—There was very little activity in the yarn market last week, either on the part of either buyers or sellers. The closing days of the year are always quiet and all interests are willing to take a rest. In the absence of any activity, mills are firmly holding their prices, and it is not thought that there will be any material change in quotations until trading is resumed again. The outlook for the new year is generally regarded as very bright. Spinners are confident that there will be a large number of buyers in the market as soon as the holidays are well over. Consumers of yarns feel that they will have to place additional orders and are waiting for a more opportune time.

Prices of combed yarns are still holding very firmly even while the demand is so light. There has been more falling off in the call for fine two-ply yarns than single yarns. Spinners making single combed yarns are closely sold ahead until May and are indifferent about new business at this time. Sales during the week were small.

As was expected for the last week in the year, sales of carded yarns were light, there being only a few inquiries in the market. Some spinners were inclined to sell on account of the lull in the buying and the slump in cotton, but this uneasiness was not generally shared by yarns are only a few inquiries in the market. Some spinners were inclined to sell on account of the lull in the buying and the slump in cotton, but this uneasiness was not generally shared by yarns are only a few inquiries in the market. Some spinners were inclined to sell on account of the lull in the buying and the slump in cotton, but this uneasiness was not generally shared by

The demand for weaving yarns was light during the week. Weavers who are able have covered their present needs and only have to buy small quantities to fill in with. Prices held well.

Southern Two-Ply Skeins.

4s to 8s	33	—
10s to 12s	36	—
14s	36	—36 1-2
16s	36	—37
18s	36	—37
20s	40	—
24s	42	—1-2
26s	43	—
30s	45	—1-2
36s	—	—55
40s	60	—62
50s	—	—72
60s	75	—
3-ly 8s upholstery	82	—
4-ply 8s upholstery	32	—

Southern Single Skeins.

4s to 8s	35	—
10s	35	—
12s	36	—1-2
14s	37	—
16s	38	—
20s	38	—1-2
22s	89	—
26s	41	—
30s	44	—1-2-45

Southern Single Chain Warps.

10s to 12s	36	—36 1-2
14s	37	—

16s	37	—1-2
20s	38	—
22s	39	—
24s	41	—
26s	41	—1-2
30s	44	—45
40s	55	—56

Southern Two-Ply Chain Warps, Etc

8s to 10s	36	—
12s to 14s	37	—37 1-2
2-ply 16s	38	—38 1-2
2-ply 20s	40	—41 1-2
2-ply 24s	44	—
2-ply 26s	44	—
2-ply 30s	45	—45 1-2
2-ply 40s	60	—62
2-ply 50s	70	—72
2-ply 60s	76	—

Southern Frame Cones.

10s	36	—36 1-2
12s	36	—1-2-37
14s	37	—1-2-38
16s	38	—1-2
18s	39	—
20s	39	—1-2-40
22s	40	—1-2-41
24s	41	—42
26s	42	—1-2-43
22s colors	43	—
30s	46	—
40s	59	—60

Combed Peeler Cones.

10s	52	—1-2
12s	53	—
14s	53	—1-2
16s	54	—
18s	54	—1-2
20s	55	—
22s	55	—1-2
24s	56	—
26s	52	—56 1-2
28s	57	—1-2
30s	60	—62
32s	62	—64
34s	64	—66
36s	68	—
40s	68	—70

Last election night the leading bon-vivant of a certain town proceeded joyously and faithfully to go in for strong drink on a larger scale than was for his best interests. His travels then took him to the headquarters of the Republican County Committee, where he sat and listened to the election returns. All night long he heard the precinct figures counted off—so many for Hank Hicks and so many for Bill Jones for this or that office.

Then he started homeward, steering his course along a street that was rough, as it seemed to him, like a sea. As one great billow pushed him against the plate-glass front of a restaurant, he glanced in at the signs that gave the prices of various food dishes offered in that caravan-sary. He read:

"Hurrah for ham and eggs!" he shouted, as he continued on his way.—Ex.

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Trust Building, Charlotte, N. C.

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Dealers in Mill Stocks and Bonds and High-Grade Southern Securities

A. M. Law & Co.

Spartanburg, S. C.

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Dealers in Mill Stocks and other Southern Securities

Southern Cotton Mill Stocks.

	Bid	Asked
Abbeville Cotton Mills, S. C.	103	...
Abbeville C. M., S. C.	200	...
Americ'n Spin'g Co., S. C.	22	25
Anderson C. M., S. C.	95	100
Aragon Mills, S. C.	110	...
Arcadia Mills, S. C.	120	...
Arkwright Mills, S. C.	30	40
Augusta Factory, Ga.	110	125
Avondale Mills, Ala.	115	...
Belton C. Mills, S. C.	115	...
Belton Cotton Mills, S. C.	76	80
Brandon Mills, S. C.	40	...
Brogan Mills, S. C.	85	100
Cabarrus C. M., N. C.	...	...
Calhoun Mills, S. C.	...	...
Cannon Mfg. Co., N. C.	130	...
Chiquola Mills, S. C.	103	105
Clifton Mfg. Co., S. C.	100	125
Clinton Cotton Mills, S. C.	95	100
Courtenay Mfg. Co., S. C.	100	...
Columbus Mfg. Co., Ga.	80	85
D. E. Converse Co., S. C.	105	...
Dallas Mfg. Co., Ala.	60	80
Darlington Mfg. Co., S. C.	15	45
Drayton Mills, S. C.	...	...
Duncan Mills, S. C.	...	...
Eagle & Phenix Mills, Ga.	...	...
Easley C. Mills, S. C.	185	...
Enterprise Mfg. Co., Ga.	...	...
Exposition C. Mills, Ga.	...	...
Gaffney Mfg. Co., S. C.	77	80
Gainesville C. M., Ga., com	75	100
Glenwood Mills, S. C.	92	...
Glenn-Lowry Mfg. Co., S. C., preferred	...	...
Gluck Mills, S. C.	99	...
Graniteville Mfg. Co., S. C.	60	...
Greenwood Cot. Mills, S. C.	88	...
Grendel Mills, S. C.	130	...
Hamrick Mills, S. C.	130	...
Hartsville C. Mills, S. C.	175	...
Henrietta Mills, N. C.	...	...
Highland Park Mfg. Co., N. C.	...	...
Inman Mills, S. C.	110	...
Inman Mills, S. C., pfd.	97	...
Jackson Mills, S. C.	110	...
Judson Mills	93	...
King, John P. Mfg. Co., Ga.	89	...
Lancaster Cot. Mills, S. C.	150	...
Lancaster C. M., S. C., pfd	...	...
Langley Mfg. Co., S. C.	...	...
Laurens Cot. Mills, S. C.	105	...
Limestone Cot. Mills, S. C.	130	...
Lockhart Mill, S. C.	60	...
Loray Mills, N. C., com.	20	...
Loray Mills, N. C., 1st pfd.	98	...
Marion Manufacturing Co.	125	...
Marlboro Mills, S. C.	82.50	...
Mills Mfg. Co., S. C.	100	...
Molohon Mfg. Co., S. C.	95	...
Monarch Cot. Mills, S. C.	135	145
Newberry Cot. Mills, S. C.	135	...
Ninety-Six Mills, S. C.	190	...
Norris Cotton Mills, S. C.	100	...
Oconee Mills, S. C., com.	85	...
Oconee Mills, S. C., pfd.	98	...
Orangeburg Mfg. Co., S. C., pfd.	...	...
Orr Cotton Mills, S. C.	93	100
Parker C. Mills, S. C., com.	3	4
Parker C. Mills, S. C., pfd.	23	25
Pacolet Mfg. Co., S. C.	104	107
Pacolet Mfg. Co., S. C., pfd	102	...
Pelzer Mfg. Co., S. C.	105	...
Pickens Cotton Mills, S. C.	95	...
Piedmont Mfg. Co., S. C.	160	170
Poe, F. W. Mfg. Co., S. C.	125	...
Parker C. M., S. C., guar'd	85	...
Raleigh Cot. Mills, N. C.	...	...
Riverside Mills, S. C., pfd.	89	...
Roanoke Mills, N. C.	...	...
Saxon Mills, S. C.	117 1/2	125
Sibley Mfg. Co., Ga.	35	45
Spartan Mills, S. C.	125	...
Toxaway Mills, S. C.	...	...
Tucapau Mills, S. C.	250	...
Union-Buffalo Mills, S. C., 1st pfd	77	81
2nd preferred	8	11
Victor Monaghan Mills, pfd	94	100
Ware Shoals Mfg. Co., S. C.	90	100
Warren Mfg. Co., S. C.	...	...
Warren Mfg. Co., S. C., pfd	...	...
Watts Mills, S. C.	...	...
Whitney Mfg. Co., S. C.	105	125
Williamston Mills, S. C.	108	112
Wiscasset C. Mills, N. C.	...	...
Woodruff Cot. Mills, S. C.	112	115
Woodside Cot. Mills, S. C.	55	60
Woodside C. Mills, g't'd.	90	95
Woodside C. Mills, S. C., pf	80	85

Locke Cotton Mills,

Concord, N. C.

C. S. Smart	Superintendent
M. H. Trull	Carder
H. L. Sedberry	Spinner
J. C. Cook	Beaming and Slashing
John Beaver	Dyer
J. A. Goodman	No. 1 Weaver
J. A. Fowler	No. 2 Weaver
A. C. West	Designer
P. B. Raiford	Finisher
F. L. Howell	Master Mechanic
R. E. Lovern	Yard Man

It was at the movies. An old couple sat together through a picture that included many views of the Wild West. In one of these a cattle "round-up" appeared, in which the dust rose in clouds from the parched ground.

The old lady began to cough, and finally, when the neighbors began to fidget, her husband nudged her with his elbow.

"Don't cough, Annie; can't you see that you're disturbing the other folks?"

His wife looked at him apologetically over her handkerchief, smoothing a spasm. "I can't help it, Ephraim. The dust tickles my throat!"—Ex.

Increased Weaving Production.

(Continued from Page 9.)

see how many and how often they are stopped and find cause for their stopping, and if it is not the weaver's fault, remedy it. Many a good weaver has left mills with bad name on account of overseer not knowing his business. Don't scold and fuss with the weaver; the day for driving has passed. Some weavers cannot get the cloth that others can. Go over the looms every hour and count the looms standing. Then go back and examine them. This method will tell you each hour what percentage you are weaving. The day has come when leaders are needed, and ability is what a man is measured by. To get more production and better quality, a man must watch every loom and be ready to brace the weak places, must have knowledge of the loom and know the weak points of his help and help them over over. Further, he must know good cloth and machinery, how to keep it up and keep it running, know what machinery is made for and how to use it. Knowledge, experience, industry and judgment, tempered with good common sense, will go further towards getting more cloth than any rule we can go by.

Sparing No Expense.

"Spare no expense in turning out the finished product," may sound

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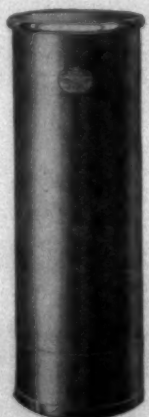
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extravagant; but that is what many up-to-date textile manufacturers are doing today. They realize that real value speaks for itself, and every dollar invested in supplies of recognized value but insures the greater success of their goods. The consumer demands the best, and the manufacturer who can supply him gets the business. Even in the matter of sizings, tallows, finishes, etc., it is surprising to see the trouble and expense the leading textile men go to in procuring the best for their shops. Invariably they turn to the products of The Arabol Mfg. Co., 100 William St., New York City, specialists for many years in supplying the exacting requirements of the trade. Bradford Soluble Grease, a neutral softening finisher for cotton warps, colored and white, is one of the many "quality" staples of this company found in the most progressive shops.—Circular of Arabol Mfg. Co.

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Are made of the best material it is possible to procure and are finished with the utmost care by men of many years' experience. The best material with skillful handling is bound to produce good results, and it is for this reason that the quality of our work is always the same.



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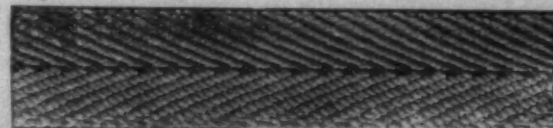
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SPINNING TAPE SPECIALISTS

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Reg. U. S. Pat. Off.

- A. Attracts Moisture and Softens the Yarn.
- R. Retains the Moisture, Making the Yarn More Pliable.
- A. Adds Strength and Elasticity.
- B. Bolls Thin; Thereby Penetrating the Yarn.
- O. Opens the Yarn. Preventing Break-Backs.
- L. Lays the Fibre.

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PROVIDENCE, R. I.

ONE GIRL will easily run four or five ENTWISTLE BEAM
WARPERS,

BECAUSE troubles that cause frequent stoppage of other machines
have been eliminated in the ENTWISTLE
FOR INSTANCE, there is no trouble due to slack ends, dropped
ends, or failure of stop motion, or to excessive tension
or to "doubles," etc., etc.

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DOUBLING MACHINES
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SOUTHERN REPRESENTATIVE, J. H. MAYES, CHARLOTTE, N. C.

Want Department

Want Advertisements.

If you are needing men for any position or have second hand machinery, etc., to sell the want columns of the **Southern Textile Bulletin** afford the best medium for advertising the fact.

Advertisements placed with us reach all the mill and show results.

Employment Bureau.

The fee for joining our employment bureau for three months is \$2.00 which will also cover the cost of carrying a small advertisement for one month.

If the applicant is a subscriber to the **Southern Textile Bulletin** and his subscription is paid up to the date of his joining the employment bureau the above fee is only \$1.00.

During the three months' membership we send the applicant notices of all vacancies in the position which he desires.

We do not guarantee to place every man who joins our employment bureau, but we do give them the best service of any employment bureau connected with the Southern textile industry.

Feeder & Fan Wanted.

WANTED: One 36-inch or 40-inch Automatic Feed Opener or Bale Breaker with or without Beater.

One No. 7 Sturdevant Fan or some other good make. Address Locke Cotton Mills Co., Concord, N. C.

Yarn Conditioning Machine For Sale.

We have for sale one C. G. Sargent Yarn Conditioning Machine. The machine is in first class condition and is now running. Fort Valley Cotton Mills, Fort Valley, Ga.

Help Wanted.

Wanted: Carding, spinning and twister help for night, at attractive prices, all white work. New houses. Transportation advanced on families. Good town, good schools and churches, in the garden spot of old North Carolina. No. Gregson, Supt. Elizabeth City, N. C.

Section Hand and Spinner.

Wanted a good section hand with 8-side spinner. \$1.50 per day for section hand. 15 cents per side for spinning. 17½c. if make full week. All white warp. Good town to live in. John Gregson, Supt. Elizabeth City Cotton Mill, Elizabeth City, N. C.

Operatives Wanted.

Wanted, frame hands, spinners doffers, spooler hands, reel hands, twister doffers. Apply to W. T. McBroom, overseer, Glenola Mills Eufaula, Ala.

Operatives Wanted.

Wanted for mills now starting at Tarboro, N. C., families containing spinners, spoolers, winders and doffers, also a few slubber and speeder hands. Plenty of good houses, free graded schools, churches of all denominations. Letters from above named help will receive prompt attention. Write to either John L. Davidson or A. M. Vandergrift, Tarboro, N. C.

Second Hand Wanted.

Want a second hand for card room in 6,000-spindle mill. Will pay 22½ cents per hour for the right man. Must be good grinder and fixer and know how to manage help. T. B. Reynolds, Huntsville Knitting Co., Huntsville, Ala.

Card Grinder Wanted.

Want a card grinder. Pay \$2.00 per day to good man to grind 42 H. & B. cards. Address W. W. Gregg, overseer carding, Caswell Cotton Mills, Kinston, N. C.

Roller Coverer Wanted.

Want, a capable roller coverer. Drinking men need not apply. References required. Louisville Cotton Mills Co., Louisville, Ky.

Photograph of Your Plant or Village, up to eight feet in length.

THE MOONS, Charlotte, N. C. 1306 Parkwood Ave., Phone 3495-W

Shafting For Sale.

1 piece 2 15-16 in., 15ft. 10 in. long.
1 piece 2 15-16 in., 16ft. long.
5 pieces 2 15-16 in., 10ft. long.
7 pieces 1 15-16 in., 15ft. long.
3 pieces 1 15-16 in., 16ft. long.
3 pieces 1 15-16 in., 18ft. long.
1 piece 1 15-16 in., 19ft. long.
1 piece 1 15-16 in., 14ft. long.
2 pieces 1 15-16 in., 13ft. long.
20 compression couplings 1 15-16 x 1 15-16 in.
7 compression couplings 1 15-16 x 1 15-16 in.
50 hangers, 1 15-16 in. bore, 10 in. drop.
10 hangers, 2 15-16 in. bore, 10 in. drop.
Address "Shafting," care Textile Bulletin.

Frame Hands and Spinners.

I can use one or two frame hands, two or three good families of spinners and spoolers and a good twister hand or two. Write P. M. Sinclair, Aragon, Ga.

Card Grinders Wanted.

Need two card grinders at \$10.50 per week for good job. Address W. H. Still, Concord, N. C.

Operatives Wanted.

Good work. Good wages. Good living conditions. Family help preferred. Apply by letter. Lovera Cotton Mills, Trenton, Tenn.

Picker Room Man Wanted.

Want spinners, spoolers, etc. Want first class picker room man, who understands Howard & Bullough machines. Pay \$11.50 per week. Also want fly frame fixer on H. & B. frames. Pay \$11.50 per week. Nothing but first class men need apply. Address R. B. Hunt, Box 76, Columbus, Ga.

WANT position as superintendent of yarn mill or overseer of large card room. Age 35, married. Can furnish as references former employers. Address No. 1697.

WANT position as superintendent or overseer of spinning. Have held both positions in first-class mills and am experienced on fine yarns. Satisfactory references. Address No. 1699.

WANT position as overseer of carding and spinning. Have had long experience and can give best of references. Address No. 1700.

WANT position as carder or carder and spinner. Am an expert carder with 5 years experience as overseer and am now employed as carder and spinner in 15,000-spindle mill on hosiery yarns. Age 35, married, strictly sober. Good references. Address No. 1701.

WANT position as superintendent. Am now employed in small mill and giving satisfaction but wish to secure larger mill. Can furnish high class references. Address No. 1702.

WANT position as overseer of weaving. Am now employed and have filled present position satisfactorily for 4 years, but desire to change. Good references. Address No. 1703.

WANT position as superintendent, overseer of weaving or salesman. Have had long experience and have filled above positions satisfactorily in large mills. Can furnish first-class references. Address No. 1704.

WANT position as overseer of carding and spinning. Am now filling position as overseer of carding in one of the most successful mills in the South and giving satisfac-

tion but for personal reasons desire to change. Can give present employers as references. Address No. 1705.

WANT position as master mechanic or engineer. Have had long practical experience and can give satisfaction. Have family of spinners and doffers. Address No. 1706.

WANT position as superintendent. Have had long practical experience as superintendent and am now filling good position in the West but desire to return to the South. Can furnish best of references. Address No. 1707.

WANT position as superintendent. Have been overseer of spinning for the past 11 years and am fully capable of handling a mill. Can furnish fine references and will make good. Address No. 1708.

WANT position as overseer of carding. Have had 15 years experience, 5 years as overseer and have held present job for three years. Age 34, married. Can give best of references. Address No. 1709.

WANT position as overseer of weaving. Have had 15 year's experience as overseer. Have had practical experience in loom fixing on Draper and plain looms. Am married and can furnish best of references as to character and ability. Can change on short notice. Address No. 1710.

WANT position as overseer of weaving. Have had long experience on both plain and fancy goods and can furnish best of references. Address No. 1711.

WANT position as overseer of weaving. Experienced on fancy goods and have had charge of weaving and designing in one of the most successful mills in the South. Satisfactory references. Address No. 1712.

WANT position as overseer of weaving or as salesman for sizing compound or chemicals. Have had good experience and can furnish best of references. Address No. 1713.

WANT position as superintendent or as overseer of weaving. Have been overseer of weaving and assistant superintendent on present job for 12 years. Can furnish good references. Address No. 1714.

WANT position as superintendent. Have had 20 years experience as superintendent and can furnish first-class references from former employers. Am now employed. Address No. 1715.

WANT position as superintendent or overseer of weaving. Am now employed but wish to change to larger mill. Have had long and successful experience. Address No. 1716.

WANT position as superintendent. Am a practical mill man with several years experience as superintendent in first-class mills. Age 37 and thoroughly competent to handle a position. Can furnish first-class references as to character and ability. Address No. 1717.

WANT position as superintendent or overseer of spinning. Am now employed and giving satisfaction but for good reason desire to change. Good references. Address No. 1718.

WANT position as superintendent or overseer of carding and spinning in large mill. Am giving entire satisfaction on present position and only reason for changing is desire for advancement. Address No. 1719.

WANT position as superintendent of either yarn or plain weaving mill or as carder and spinner. Am now employed and giving satisfaction and have had long experience both in carding and spinning. Can furnish best of references. Address No. 1720.

WANT position as overseer of carding. 4 years experience as overseer of both white and colored work. Can furnish first class references. Address No. 1721.

WANT position as superintendent of either yarn or weaving mill. Am a practical carder, spinner and weaver. Age 35, 24 years in mill business. Can furnish best of references. Address No. 1722.

WANT position as superintendent of yarn mill or overseer of spinning in any large mill. Duration of my last employment twenty years last ten years as overseer of spinning in one of the largest yarn mills of the South. Can furnish good reference. Age 37 years married and have good habits. Address No. 1723.

WANT position as superintendent or overseer of spinning. Am a practical man. Age 40, married and strictly sober. Experienced from picker room to cloth room on white and colored goods. Good references. Address No. 1724.

WANT position as superintendent. Prefer cloth mill in North Carolina, but would accept position in

any good locality with good company. Now employed as superintendent and giving satisfaction, but wish to change for good reasons. Age 30, sober and have had 8 years experience as overseer and 2 years as superintendent. Address No. 1725.

WANT position as superintendent of yarn mill or as carder and spinner. Have long experience in both departments and can give satisfaction. Address No. 1726.

WANT position as overseer of spinning. Have had long experience in some of the best mills in the South and have been with present mill for 7 years. Good references. Address No. 1728.

WANT position as superintendent by an experienced cotton carder and spinner Age 36, married, strictly sober. Excellent manager of help. Now employed. Can furnish best of references. Address 1729.

WANT position as chief engineer and master mechanic. Am now employed but wish to change for larger salary. Married, strictly sober. Can handle plant in the very best manner. Good references. Address No. 1730.

WANT position as overseer of spinning in medium size mill. Have had special experience on combing and fine yarns. Can furnish excellent references. Address No. 1731.

WANT position as overseer of spinning in large and small mill. Have held last position as overseer for 3 years. Best of references. Address No. 1732.

WANT position as secretary and treasurer of a cotton mill. Thoroughly familiar with all details. Able and energetic. 12 years experience in cotton mill office. Best of references. Address No. 1732.

WANT position as overseer of spinning or carding and spinning. Am now employed and have had long experience but wish to change. Fine references. Address No. 1734.

WANT position as overseer of spinning at not less than \$3.00 per

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day. Am now employed and have been on present job for two years but would like to change. Address No. 1735.

WANT position as superintendent of yarn mill or as overseer of carding. Long experience on all classes of yarn from 4 to 180. Especially experienced in combed yarns. Address No. 1736.

WANT position as overseer of weaving. Have had long experience on both white and colored work but would prefer Draper job. Good references. Address No. 1737.

WANT position as manager. Am an efficient cotton manufacturer who is open at this time for a proposition. Thoroughly conversant with office details and of general operations of plants. Address No. 1738.

WANT position as overseer of carding in large mill or carding and spinning in small mill. Am employed as overseer of carding and have been in present job for 5 years. Good references and short notice. Address No. 1739.

WANT position as overseer of carding at not less than \$3.00 per day. Am now employed but for good reasons prefer to change. Fine references. Address No. 1740.

WANT position as superintendent. Am now employed and giving entire satisfaction, but desire larger mill. Best of references. Address No. 1741.

WANT position as superintendent of medium size mill or carding and spinning in large mill. Now

employed and can furnish best of references. Address No. 1742.

WANT position as superintendent. Held last position for 6 years and have good experience. Can furnish former employers as references. Address No. 1743.

WANT position as superintendent or overseer of carding. Have had long practical experience and can get results. First class references. Address No. 1744.

WANT position as carder and spinner or overseer of large spinning room. Have had 6 years experience as overseer of spinning and am now night overseer of carding and spinning. Can furnish first-class references. Address No. 1745.

WANT position as engineer or master mechanic. Age 45. Have had 20 years experience with steam, water and electric drives. Good references. Address No. 1746.

WANT position as superintendent. Am now employed but for good reason desire to change. Have had long practical experience. Address No. 1747.

WANT position as overseer of spinning. Age 27, married, strictly temperate. Now employed as second hand in one of the largest mills in the South. Have completed I. C. S. course in carding and spinning. Address No. 1748.

WANT position as overseer of spinning at not less than \$3.50 per day, or superintendent of small yarn mill. Have run some of the largest spinning rooms in the South and can furnish first-class references. Address No. 1749.

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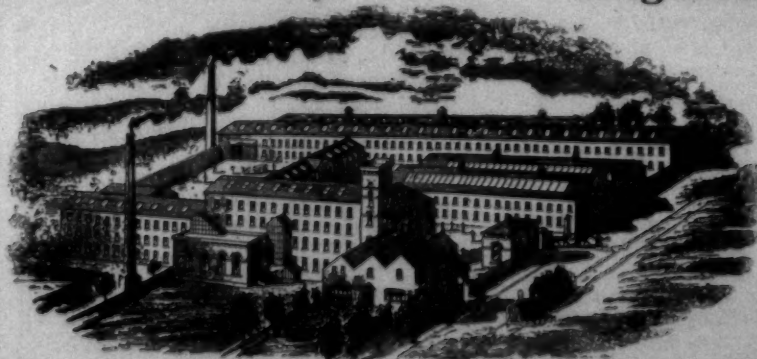
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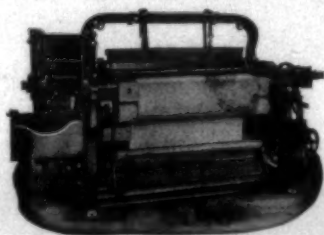
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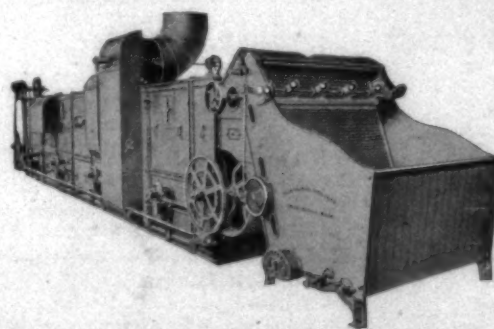
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